

Author Index—Volume 25

A

Abdel-Dayem, H M, 471, 480, 490
 Abe, K, 214
 Abrahm, D, 182
 Aburano, T, 74, 295, 926, 1057
 Adachi, I, 1000
 Adachi, Y, 206
 Adams, B K, 514
 Adler, L, 929
 Aelion, J A, 135
 Afschrift, M, 633
 Agarwala, S, 41
 Ahmed, Z, 514
 Aigner, R, 65
 Ak, I, 379, 826
 Akin, A, 227
 Al Amro, A, 273
 Alavi, A, 281, 358, 431, 596, 665, 838
 Alavi, J, 431
 Albrecht, S, 804
 Aldighieri, F, 723
 Al Haider, Z Y, 514
 Ali, A, 497
 Aliabadi, P, 959
 Allaoua, M, 804
 Allman, K, 392
 Allman, K C, 1059
 Almeida, C, 443
 Almeida-Filho, P, 443
 Al-Nahas, A M, 131, 224
 Alonso, G, 723
 Althoefer, C, 219
 Altes, T, 354
 Amartey, J, 100
 Amato, M E, 1017
 Amilineni, V K, 477
 Anema, P C, 97
 Aoki, J, 637
 Aras, G, 227, 585
 Araujo, W, 728
 Arican, P, 585
 Ariga, M, 796
 Arnaiz, F, 296
 Arndt, J-W, 834
 Arrick, B, 104
 Arslan, N, 60, 193
 Asaka, M, 870
 Ata, N, 826
 Aydin, M, 467
 Aziz, A, 831

B

Babe, J, 1035
 Baeumler, G R, 554
 Bain, S, 135
 Bakar, K A, 740
 Bakheet, S M, 273

Bakheet, S M B, 100
 Bal, C S, 384
 Baldari, S, 312
 Barnes, S, 643
 Bar-Sever, Z, 394, 410, 1013
 Barth, P J, 414
 Bartholomeusz, D, 743
 Bassa, P, 947
 Bauman, J M, 921
 Bayhan, H, 60, 193
 Beaulieu, S, 486
 Becker, M D, 1050
 Belhocine, T Z, 636
 Bénard, F, 486, 596
 Bender, J M, 516
 Berkalp, B, 585
 Berkarda, S, 387
 Berkmen, Y M, 1050
 Bernante, P, 527
 Bernier, J, 488
 Bestetti, A, 822
 Beyer, T, 905
 Bhatnagar, A, 829, 1037
 Bilkay, U, 919
 Billingsley, J L, 921
 Blend, M J, 33
 Bleza, M V, 736
 Bognar, B, 679
 Boguslavsky, L, 1007
 Bohnen, N I, 447
 Bohnen, N N, 905
 Bonanno, N, 312
 Bongers, V, 817
 Bonjer, H J, 351
 Borges-Neto, S, 110, 173, 443
 Boric, M-F, 421
 Bornemann, M, 120
 Borsato, N, 527
 Botvinick, E H, 150
 Boucher, L, 486
 Boz, A, 935
 Bradley, Y, 67
 Bradley, Y C, 303
 Braga, F J H N, 377
 Bramlet, R, 237
 Brandt, D, 210, 291, 414
 Breit, R, 392
 Bridwell, R S, 303
 Brinkschmidt, C, 874
 Buhl, T, 844
 Burke, J, 821
 Bury, T, 636
 Bushnell, D L, 698, 949
 Büyükereli, G, 64, 471, 480, 490, 1061

C

Çağlar, M, 682, 772

Calcagni, M L, 127
 Calvo, J I, 137
 Camargo, E E, 370, 484
 Campos, L, 309
 Caner, B, 467
 Cao, L, 614
 Çapa, G, 56
 Çapa Kaya, G, 704, 747
 Caride, V J, 629, 1039
 Carlisle, M R, 895
 Carola, F, 822
 Carvalho, D C, 484
 Casado, C, 137
 Casara, D, 527, 898
 Casset-Senon, D, 913
 Castillo, F, 917
 Castillo, L, 137
 Castro-Malaspina, H, 676
 Cavanaugh, D, 213, 469
 Ceriani, L, 536
 Certo, A, 312
 Chaitow, J, 801
 Challa, S, 150, 182
 Chan, J C S, 249
 Chand, R, 829
 Chander, R, 1037
 Chang, C-P, 217
 Chang, K J, 838
 Charron, M, 447, 708, 882, 905
 Chatterton, B, 743
 Chatterton, B E, 305
 Che, K, 832
 Chen, F-P, 485
 Chen, P-L, 1042
 Chen, X, 751
 Cherfan, J, 888
 Cherng, S-C, 167, 729
 Chew, C G, 743
 Chisin, R, 731, 1018
 Chiu, N-T, 292
 Choe, W, 842, 932
 Choi, Y Y, 519
 Choong, K K L, 624
 Chopra, M K, 829
 Chou, J-M, 563
 Chow, B, 1042
 Christodoulidou, J, 434
 Chu, J, 866
 Chung, J-K, 842
 Chung, Y-S, 337
 Çiftçi, I, 766
 Çilli, A, 935
 Cittanti, C, 255
 Çivi, G, 20
 Claver, M, 137
 Clemente, A, 947
 Cobo, J, 1035
 Coel, M, 140

Author Index—Volume 25

A

Abdel-Dayem, H M, 471, 480, 490
Abe, K, 214
Abrahm, D, 182
Aburano, T, 74, 295, 926, 1057
Adachi, I, 1000
Adachi, Y, 206
Adams, B K, 514
Adler, L, 929
Aelion, J A, 135
Afschrift, M, 633
Agarwala, S, 41
Ahmed, Z, 514
Aigner, R, 65
Ak, I, 379, 826
Akin, A, 227
Al Amro, A, 273
Alavi, A, 281, 358, 431, 596, 665, 838
Alavi, J, 431
Albrecht, S, 804
Aldighieri, F, 723
Al Haider, Z Y, 514
Ali, A, 497
Aliabadi, P, 959
Allaoua, M, 804
Allman, K, 392
Allman, K C, 1059
Almeida, C, 443
Almeida-Filho, P, 443
Al-Nahas, A M, 131, 224
Alonso, G, 723
Altehoefer, C, 219
Altes, T, 354
Amartey, J, 100
Amato, M E, 1017
Amilineni, V K, 477
Anema, P C, 97
Aoki, J, 637
Aras, G, 227, 585
Araujo, W, 728
Ärican, P, 585
Ariga, M, 796
Arnaiz, F, 296
Arndt, J-W, 834
Arrick, B, 104
Arslan, N, 60, 193
Asaka, M, 870
Ata, N, 826
Aydin, M, 467
Aziz, A, 831

B

Babe, J, 1035
Baeumler, G R, 554
Bain, S, 135
Bakar, K A, 740
Bakheet, S M, 273

Bakheet, S M B, 100
Bal, C S, 384
Baldari, S, 312
Barnes, S, 643
Bar-Sever, Z, 394, 410, 1013
Barth, P J, 414
Bartholomeusz, D, 743
Bassa, P, 947
Bauman, J M, 921
Bayhan, H, 60, 193
Beaulieu, S, 486
Becker, M D, 1050
Belhocine, T Z, 636
Bénard, F, 486, 596
Bender, J M, 516
Berkalp, B, 585
Berkarda, S, 387
Berkmen, Y M, 1050
Bernante, P, 527
Bernier, J, 488
Bestetti, A, 822
Beyer, T, 905
Bhatnagar, A, 829, 1037
Bilkay, U, 919
Billingsley, J L, 921
Blend, M J, 33
Bleza, M V, 736
Bognar, B, 679
Boguslavsky, L, 1007
Bohnen, N I, 447
Bohnen, N N, 905
Bonanno, N, 312
Bongers, V, 817
Bonjer, H J, 351
Borges-Neto, S, 110, 173, 443
Boric, M-F, 421
Bornemann, M, 120
Borsato, N, 527
Botvinick, E H, 150
Boucher, L, 486
Boz, A, 935
Bradley, Y, 67
Bradley, Y C, 303
Braga, F J H N, 377
Bramlet, R, 237
Brandt, D, 210, 291, 414
Breit, R, 392
Bridwell, R S, 303
Brinkschmidt, C, 874
Buhl, T, 844
Burke, J, 821
Bury, T, 636
Bushnell, D L, 698, 949
Büyükereli, G, 64, 471, 480, 490, 1061

C

Çağlar, M, 682, 772

Calcagni, M L, 127
Calvo, J I, 137
Camargo, E E, 370, 484
Campos, L, 309
Caner, B, 467
Cao, L, 614
Çapa, G, 56
Çapa Kaya, G, 704, 747
Caride, V J, 629, 1039
Carlisle, M R, 895
Carola, F, 822
Carvalho, D C, 484
Casado, C, 137
Casara, D, 527, 898
Casset-Senon, D, 913
Castillo, F, 917
Castillo, L, 137
Castro-Malaspina, H, 676
Cavanaugh, D, 213, 469
Ceriani, L, 536
Certo, A, 312
Chaitow, J, 801
Challa, S, 150, 182
Chan, J C S, 249
Chand, R, 829
Chander, R, 1037
Chang, C-P, 217
Chang, K J, 838
Charron, M, 447, 708, 882, 905
Chatterton, B, 743
Chatterton, B E, 305
Che, K, 832
Chen, F-P, 485
Chen, P-L, 1042
Chen, X, 751
Cherfan, J, 888
Cherng, S-C, 167, 729
Chew, C G, 743
Chisin, R, 731, 1018
Chiu, N-T, 292
Choe, W, 842, 932
Choi, Y Y, 519
Choong, K K L, 624
Chopra, M K, 829
Chou, J-M, 563
Chow, B, 1042
Christodoulidou, J, 434
Chu, J, 866
Chung, J-K, 842
Chung, Y-S, 337
Çiftçi, I, 766
Çilli, A, 935
Cittanti, C, 255
Çivi, G, 20
Claver, M, 137
Clemente, A, 947
Cobo, J, 1035
Coel, M, 140

Coel, M N, 24, 120
 Cohen, E, 1007
 Cohen, I J, 410
 Colamussi, P, 255
 Coleman, R E, 110
 Colomb, P F L, 629
 Comans, E F I, 308
 Connolly, L P, 410, 819, 835
 Coombs, R J, 63
 Cooper, R, 133
 Coover, L R, 508
 Corina, L, 127
 Cortés-Blanco, A, 299, 567
 Cosnapp, P, 913
 Costansa, J M, 947
 Côté, I, 579
 Cote, M, 314
 Crooke, G A, 335
 Crow, H, 1

D

Dachille, M, 905
 Dachille, M A, 882
 Daenen, F, 636
 Dafermou, A, 255
 Danieli, R, 488
 Dansereau, R N, 179
 Das, B K, 996
 Dasan, B, 41, 384, 769, 938, 1033
 Davey, I C, 57
 Davies, P, 133
 De Bondt, P, 386, 923
 De Clercq, D, 923
 Degienci, B, 56
 de Geus-Oei, L-F, 834
 Degirmenci, B, 704
 De Herder, W W, 351
 de Klerk, J M H, 817
 Delaney, G, 866
 DeLong, S R, 477
 Delpassand, E S, 258
 Del Rio, S, 296
 Del Val Gómez, M, 1035
 Demangeat, J-L, 888
 Demangeat, R, 888
 Dennien, B, 71
 de Palma, D, 628
 DePuey, E G, 728
 Derebek, E, 747
 d'Eredità, G, 482
 De Sadeleer, C, 386, 541
 De Vries, L, 394
 De Winter, F, 386, 633, 923
 Díaz, L, 296, 959
 Dibos, P E, 670
 Dicke, O, 747
 Didon-Poncelet, A, 888
 Dierckx, R A, 386, 633, 923
 di Giuda, D, 127
 Doai, K, 361
 Doi, K, 285, 1000
 Donohoe, K J, 608
 Dorney, S, 107
 Dowlathshahi, K, 497
 Dragoiescu, C, 308
 Drm, M A, 253

Drubach, L A, 819, 835
 Duarte, P S, 281, 358, 723
 Duffey, K, 622
 Duque, J J, 137
 Durak, H, 56, 704, 747
 Durak, I, 704
 Duranay, M, 682
 Dutton, J A E, 93
 Dutton, N A, 59, 546
 Duwe, K, 1055
 Duysinx, B, 636
 Dworkin, H J, 736

E

Eder, V, 913
 Eidelman, B H, 7
 Elshazly, S M, 1045
 Emmett, L, 71, 288, 392, 1059
 Emri, S, 467
 Entok, E, 379
 Erbaş, B, 766, 931
 Erbay, G, 227
 Erdem, Y, 682
 Erdinç, O, 826
 Ergün, E L, 682
 Etani, H, 588
 Etchebehere, E C S C, 370, 484
 Ezzat, A, 100

F

Fallon, E F, 341
 Fan, M, 497
 Fan, W C, 249
 Faul, P N, 819
 Fawwaz, R, 1050, 1055
 Feda, H, 434
 Ferraz, A S, 377
 Fialka, V, 1028
 Fincher, M E, 661
 Firestone, M, 978
 Fischer, M, 210
 Fisher, C, 213, 469
 Fislman, S J, 835
 Fletcher, J, 1017
 Flores, C, 611
 Fong, W, 740
 Fox, P, 591
 Franke, W-G, 222, 901
 Franzius, C, 874
 Frater, C J, 552, 627
 Freedman, N, 1018
 Freeman, L M, 17, 335
 Friedman, D, 882
 Fritsch, H-W, 210
 Fröberg, A C, 351
 Frusciante, V, 1053
 Fujii, H, 560
 Fujimoto, H, 424
 Fujita, A, 440
 Fujita, J, 364
 Fukino, K, 749
 Fukuchi, K, 289
 Fukuda, T, 831
 Fukushima, K, 289
 Fults-Ganey, K, 67
 Fung, J J, 7

Furui, S, 156, 495
 Furukawa, S, 588
 Furuse, M, 440
 Fuster, D, 148, 701

G

Gallardo, F G, 1035
 Galli, J, 127
 Galt, J, 919
 Galuska, L, 944
 Gambhir, S, 996
 Garancini, S, 536
 Garcia, T M P, 377
 Gardon, B, 79
 Garner, S C, 173
 Gay, D, 863
 Gayed, I W, 1045
 Gertholtz, T, 407
 Giganti, M, 255
 Gilbert, T J, 224
 Giovanella, L, 536
 Goerres, G W, 804
 Goldstein, H, 341
 González, F M, 645
 Gorenberg, M, 511
 Goshen, E, 146, 476
 Goswami, G, 471
 Goswami, G K, 480, 490
 Goto, T, 926
 Gotthardt, M, 210, 291, 414
 Goyal, M, 209, 465
 Grandet, P J, 763
 Gray, J H, 917
 Grigolon, M V, 370
 Groell, R, 65
 Groshar, D, 511
 Grüning, T, 222
 Guerra, M, 1053
 Guerrero, M, 296
 Güngör, F, 935
 Gupta, D, 474
 Gupta, R, 44, 253, 473, 769, 938
 Gupta, S, 1037
 Gupta, S M, 123
 Gur, R E, 596
 Gvirtz, G, 52

H

Haindl, W, 548
 Halač, M, 20
 Hales, K, 835
 Halkar, R, 919
 Ham, H R, 541
 Hama, Y, 549
 Han, J, 785
 Hanaoka, H, 295
 Hanelin, L G, 465
 Hanson, M W, 57, 142
 Hara, A, 263, 718, 796
 Harabuchi, Y, 926
 Harada, M, 551
 Hardoff, R, 394, 410, 1013
 Harel, L, 1013
 Haro, E, 296
 Hasegawa, S, 619
 Hashimoto, T, 214

Hashmi, R, 831
 Hastings, G, 427
 Hawkins, R A, 150
 Hayashi, E, 29, 364
 Hayashi, K, 831
 Hayashi, Y, 832
 Hayashida, K, 289
 Hayes, M, 354
 Heiba, S, 471, 480, 490
 Hendel, H W, 844
 Herno, A, 779
 Herranz, R, 148
 Hertzanu, Y, 184, 1007
 Hesse, B, 844
 Higashi, T, 115
 Hill, T C, 608
 Hirano, T, 637
 Hirata, M, 619
 Hliscs, R, 901
 Hobbelink, M G, 817
 Hocate, P P, 145
 Hoefken, H, 414
 Hoegerle, S, 219
 Hoekstra, O S, 308
 Höffken, H, 210
 Holder, L, 849
 Holder, L E, 427, 641
 Holtzman, S, 1
 Homayoon, K, 258
 Hoogbergen, M M, 97
 Horev, G, 410
 Hori, M, 619
 Hoshi, T, 852
 Houpt, L, 213, 469
 Houston, J D, 557
 Howe, K, 213, 469
 Howman-Giles, R, 107, 297, 801
 Hsieh, J-F, 1052, 1062
 Hsu, N-Y, 840
 Huang, M-S, 292
 Huang, W-S, 167, 563
 Hughes, P M, 224
 Hughes, S P F, 93
 Hung, G-U, 220, 348, 1029
 Hušák, V, 775
 Hwang, I, 145, 306
 Hwang, K, 789
 Hyodoh, H, 440

I

ibiš, E, 227, 585
 Ichikawa, T, 551
 Ide, M, 560
 Iiji, O, 852
 Ikeda, M, 551
 Ikegami, H, 77
 Ikezoe, J, 986, 991
 Ikuta, H, 77
 Ilgan, S, 60, 193
 Ilgenli, T F, 60
 Ilias, I, 631
 Im, M W, 842
 Imaizumi, M, 588
 Imamura, M, 115, 870
 Inaoka, T, 74
 Infante, J R, 645

Inoue, S, 214
 Inoue, Y, 551
 Isaef, S D, 1031
 Isaka, Y, 588
 Ishida, R, 832
 Ishii, K, 11
 Ishikawa, Y, 208, 263, 301, 565, 718, 1063
 Islam, Q T, 374, 562, 946
 Itagaki, R, 846
 Itoh, K, 115
 Itoh, T, 551
 Itti, E, 827
 Iuchi, H, 991
 Ivancević, V, 596

J

Jacobson, A F, 751
 Jadvar, H, 48
 Jana, S, 471, 480, 490
 Janicek, M J, 734
 Javid, A, 110
 Jayaraman, S, 224
 Jen, T-K, 563, 729
 Jenison, E L, 465
 Jeong, J M, 842
 Jerin, J, 905
 Jiao, L, 614
 Jiménez, C E, 145, 306
 Jindal, S K, 474
 Johns, W, 123
 Johnson, D L, 48
 Johnson, D S, 24, 120
 Joo, K G, 554
 Joseph, K, 210, 291, 414
 Joshi, U, 936
 Joyce, J M, 54, 716
 Jung, E, 940
 Jürgens, H, 874

K

Kiratli, P O, 931
 Ka, W J, 1040
 Kabasakal, L, 20
 Kaiser, K P, 939
 Kakiuchi, H, 214
 Kalani, J, 738
 Kameyama, K, 29, 364
 Kaminaga, T, 495
 Kamínek, M, 775
 Kamran, M, 728
 Kanazawa, K, 440
 Kandil, A, 100
 Kanegae, K, 440
 Kang, G H, 785
 Kang, P S, 1039
 Kannangara, S, 71
 Kao, C-H, 220, 348, 840, 1029, 1052, 1062
 Kao, P-F, 485
 Kar, P, 1037
 Karaçalioglu, O, 60
 Karaeren, H, 60
 Karayalçin, B, 935
 Karimeddini, M K, 374

Karkavitsas, N, 727
 Kasapoğlu, E, 826
 Kashlan, B, 213, 469
 Katada, R, 295
 Katagiri, S, 1040
 Katayama, N, 551
 Kater, C, 723
 Kato, T, 870
 Kauer, J MG, 97
 Kawamura, Y, 440
 Keadle, D M, 921
 Keenan, AM, 650
 Kennelly, B M, 182
 Keramopoulos, A, 434
 Khandji, A, 1055
 Khetib, R, 827
 Khullar, S, 253, 769, 938
 Kiat, H, 866
 Kibar, M, 1061
 Kido, Y, 846
 Kikuchi, T, 986, 991
 Kikuchi, Y, 156, 495
 Kim, A, 17
 Kim, C K, 603, 665, 940, 978
 Kim, H, 789
 Kim, H C, 532, 789
 Kim, H S, 532
 Kim, O H, 268
 Kim, S, 337, 634, 789, 924, 932
 Kinahan, P E, 905
 Kinoshita, N, 852
 Kir, K M, 585
 Kir, M K, 227
 Kirsh, G, 372
 Kitagaki, H, 11
 Kitamura, T, 749
 Klein, M, 1018
 Knobel, B, 52
 Kobayashi, S, 870
 Kobayashi, T, 721
 Koçdor, M A, 747
 Kohno, Y, 77
 Koizumi, K, 214
 Koizumi, M, 1024
 Kojima, T, 749
 Kolesnikov-Gauthier, H, 421
 Kolodny, G M, 608
 Komori, T, 285, 1000
 Konez, O, 209, 465, 725
 Kong, D, 110
 Konishi, J, 115
 Koranda, P, 775
 Kosuda, S, 549, 1040
 Koukouraki, S, 727
 Koukourakis, M, 727
 Krenning, E P, 351
 Kröger, H, 779
 Kropp, J, 901
 Krynyckyi, B, 940
 Krynyckyi, B R, 603, 978
 Kubo, A, 560
 Küçük, N O, 585
 Küçük, O N, 227
 Kuhn, J C, 1, 104
 Kumar, A, 41
 Kumar, R, 44, 253, 473, 769, 938, 1033, 1047

Kumar, S, 492
 Kumazaki, T, 749
 Kume, N, 208, 263, 301, 565, 796,
 1063
 Kumita, S-I, 749
 Kuni, H, 291
 Kuniyasu, Y, 361
 Kurttek, R W, 7
 Kurtzman, S H, 374
 Kusano, S, 549, 1040
 Kwekkeboom, D J, 351

L

Laguna, R, 611
 Lai, K K-Y, 7
 Laitinen, T, 779
 LaMonica, G, 497
 Lampl, Y, 812
 Lan, J-L, 197, 737
 Lang, O, 775
 Lantsberg, S, 184, 1007
 Larson, S M, 676
 Larsson, S G, 273
 Laterza, C, 148
 Latre, J M, 645
 Lau, S K, 24
 Lecompte, M, 486
 Lee, B-F, 292
 Lee, H K, 519, 785
 Lee, I Y, 268
 Lee, J, 532
 Lee, J-K, 840, 1052
 Lee, S-H, 519
 Lee, V W, 1042
 Leight, G S, Jr., 173
 Leitha, T, 1028
 Leslie, W D, 216
 Lewis, G, 372
 Lewis, P, 138
 Li, P, 358
 Li, S-G, 729
 Li, Y, 614
 Liao, S-Q, 217
 Liepe, K, 901
 Lim, J-K, 603
 Lim, S T, 558, 824
 Lima, M C L, 370, 484
 Lin, E C, 375
 Lin, J-H, 220, 348
 Lin, K-J, 62
 Lin, P, 866
 Lin, W-Y, 220, 348, 737, 1029
 Lin, X, 603
 Lin, Y-F, 167
 Line, B R, 179
 Liu, G-C, 292
 Liu, R-S, 217
 Liu, T-J, 191
 Liu, Y-C, 563
 Loke, T K L, 249
 Lomeña, F, 148
 Loneragan, R, 71
 Longa, G, 213, 469
 Lonner, B S, 963
 Lorberboym, M, 52, 812
 Lotfi, K, 716

Louvrou, A, 434
 Love, C, 963
 Low, V H S, 142
 Lucca, L J, 377
 Luketich, J D, 882
 Luo, C-B, 217
 Lupu, L, 184
 Lyons, K P, 182
 Lyritis, G P, 691

M

Macapinlac, H A, 676
 MacFarlane, D, 740
 Machac, J, 603, 940, 978
 Maciel, R M B, 723
 Madden, T, 258
 Madsen, MT, 949
 Magee, M, 71
 Magoun, S, 229
 Mahassin, Z, 273
 Maini, A, 41, 384
 Maitre, B, 421
 Malek, Z, 827
 Malhotra, A, 44, 473, 769, 1033
 Mannting, F, 959
 Manrique, A, 296
 Mansberg, R, 297, 372, 390
 Manzoni, G A, 628
 Marchal, C, 913
 Marciano, R, 1018
 Marel, E, 288
 Margouloff, D, 626
 Martín, F, 148, 701
 Martin, L A, 1017
 Martin, R S, 661
 Martinez, H, 946
 Martínez-Lázaro, R, 299, 567
 Martino, G, 1053
 Martins, L R F, 723
 Marwah, A, 253, 938, 1047
 Mateos, J J, 148, 701
 Mathai, M, 258
 Matsubara, S, 846
 Matsunaga, N, 208, 301, 565, 718,
 796, 1063
 Matsunaga, N, 263
 Matsuoka, S, 361
 Mayberg, H, 1004
 McDougall, I R, 333, 895
 McEwan, L, 740
 McHarg, D, 821
 McLaughlin, A, 79
 McLaughlin, A F, 915
 McNeill, G C, 451
 Meehan, M, 882
 Meignan, M, 421, 827
 Mele, D, 255
 Meltzer, C C, 882, 905
 Menda, Y, 698, 949
 Meyer, M A, 279
 Meyer, P T, 694
 Michalas, S, 434
 Miguel, M B, 137
 Mikhail, M, 341
 Miller, S, 698
 Miner, M, 978

Mineta, M, 295
 Minoves, M, 947
 Minshew, P T, 1010
 Mirzai, M, 728
 Mishkin, F S, 848
 Mishra, P, 829
 Mitchell, B L, 647
 Mittal, B R, 474
 Miyagawa, M, 991
 Miyamoto, K, 295
 Miyokawa, N, 926, 1057
 Mizumura, S, 749
 Mlikotic, A, 848
 Moadel-Sernick, R M, 335
 Mochizuki, T, 986, 991
 Mochizuki, Y, 560
 Modoni, S, 1053
 Mohamed, C, 216
 Moncilovic, N, 488
 Montes, J, 309
 Moorthy, D, 1047
 Moreno, A J, 911
 Morgan, R, 314
 Mori, E, 11
 Mori, T, 11
 Morin, F, 579
 Mortensen, J, 844
 Moskowitz, G W, 753
 Motoyama, K, 208, 263, 301, 565,
 718, 796, 1063
 Mountz, J M, 187
 Mozley, P D, 596
 Mueller, H D, 694
 Mueller-Brand, J, 389
 Mukamel, M, 1013
 Mulliken, J B, 835
 Muñoz, M, 701
 Munz, D L, 596
 Murase, K, 991
 Murata, Y, 832
 Murray, I P C, 79
 Muthukrishnan, A, 492
 Myers, D T, 54, 716
 Mysliveček, M, 775

N

Nagasawa, K, 295
 Nair, N, 497
 Nakahara, T, 560
 Nakajo, H, 749
 Nakamoto, Y, 115
 Nakamura, T, 206
 Nakanishi, E, 588
 Nakata, S, 986
 Naldöken, S, 772
 Narabayashi, I, 285, 1000
 Nathan, C A O, 279
 Nelson, R C, 57
 New, P, 591, 1004
 Newberg, A B, 431
 Neymark, E, 150
 Nguyen, B D, 59, 380, 546, 814
 Nielsen, R B, 57
 Niio, Y, 361
 Nikaido, Y, 852
 Nikolov, G, 52

Nikpoor, N, 959
 Nishimura, T, 619
 Nishioka, T, 870
 Nishiyama, Y, 29, 200, 364
 Nisli, C, 20
 Nitzsche, E U, 219
 Nizami, M A F, 407
 Nojiri, Y, 361
 Nourisamie, K, 725
 Nukata, M, 852
 Nukata, T, 852
 Nuñez, R F, 676, 731
 Nutt, R, 905
 Nye, P J, 135

O

Odhav, S K, 135
 Oei, H Y, 351
 Ogata, E, 1024
 Ogata, H, 361
 Ogawa, Y, 831
 Oguz, O, 20
 Ohkawa, M, 29, 200, 364
 Ohta, H, 943
 Ohtake, E, 846
 Ohtsuki, K, 206
 Oishi, S, 361
 Okabe, H, 77
 Okadigwe, C, 738
 Okudaira, S, 831
 Okuyama, C, 206
 O'Loughlin, E, 801
 Onji, M, 991
 Önsel, C, 20
 Ooe, Y, 588
 Oral, D, 585
 Orduña, E, 611
 Orford, J L, 670
 Organist, M, 716
 Ortega, M, 701
 Osaka, I, 424
 Oshima, M, 156
 Ottaviani, F, 127
 Otte, A, 389
 Outomuro, J, 309
 Özbarlas, S, 64
 Özcan, M, 227
 Öztürk, E, 193

P

Pace, W M, 333
 Pacheco, C, 645
 Padhy, A K, 1047
 Pagnanelli, R A, 142
 Pai, M, 789, 924
 Palestro, C J, 963
 Paludetti, G, 127
 Pampouras, G, 434
 Panoutsopoulos, G, 631
 Papantoniou, V, 434
 Parekh, J, 354
 Park, C H, 268, 337, 532, 634, 789, 924
 Park, K, 634
 Park, S-A, 558, 824
 Parker, J A, 608

Partanen, K, 779
 Partap, V A, 936
 Paspati, I, 691
 Passarell, S, 427
 Patel, C, 41, 384
 Patel, M, 641, 849, 963
 Pearce, G, 79
 Pedro, E C S, 187
 Peksoy, I, 931
 Pelizzo, M R, 527, 898
 Perri, T, 410
 Person, R E, 516
 Pesce, G, 488
 Peters, A M, 93
 Petrovic, M, 633
 Peycher, P, 913
 Piepsz, A, 541
 Piffanelli, A, 255
 Pin, C A C, 370
 Pineda, J R, 309
 Pingle, P R, 70
 Pinsky, S T, 63
 Piotto, A, 527
 Pocock, N, 866
 Podoloff, D A, 258
 Pons, F, 148, 701
 Ponto, JA, 569
 Poplack, S, 104
 Poret, P, 913
 Porn, U, 107, 801
 Pottier, J-M, 913
 Pourdehand, M, 281
 Pourdehnad, M, 358
 Poussaint, T Y, 819
 Powe, J, 100, 273
 Prassopoulos, P, 727
 Preskenis, W R, 70
 Price, D, 150
 Pulmano, C, 647
 Punjabi, G, 384

Q

Quintana, J C, 33

R

Rachinsky, I, 184, 1007
 Ragonese, J M, 978
 Rajagopal, G, 1037
 Rajnish, A, 996
 Ramachandran, A, 123
 Ramos, C D, 370, 484
 Ramps, R J, 911
 Randolph, W, 465
 Ratani, R S, 738
 Ravizzini, G C, 443
 Reddy, M, 626
 Reddy, S N, 473
 Reiner, M, 488
 Remi, M H, 763
 Restifo-Pecorella, G, 312
 Reyes, J, 447
 Ricardo de A. Miranda, J, 377
 Ricci, E, 255
 Riedel, C, 1055
 Riedy, G, 929
 Riera, E, 947

Riese, K T, 216
 Rigo, P, 636
 Rijnders, W, 97
 Rivas, A, 947
 Roarke, M C, 59, 546, 814
 Roberts, J M, 390
 Rodriguez, A, 137
 Rosenberg, R J, 562
 Rossi, G, 127
 Rossleigh, M A, 552, 627
 Rosso, J, 421
 Rostom, A, 100
 Rozenman, Y, 1018
 Rubello, D, 527, 898
 Rubini, G, 482
 Rubinstein, W, 447
 Rubio, M J, 137
 Ruiz, E, 137
 Ruiz, S, 296
 Runge, V V, 647
 Rush, C, 936
 Ryo, U Y, 539
 Ryu, J S, 519, 785

S

Sabri, O, 694
 Saguchi, T, 214
 Saijo, Y, 74
 Sakahara, H, 115
 Sakamoto, H, 383
 Sakamoto, I, 831
 Sakamoto, S, 11
 Sakayama, K, 986
 Saladini, G, 527
 Salan, A, 387
 Saleem, M, 273
 Salem, S, 471
 Salem, S S, 480, 490
 Samuels-Botts, C, 1010
 Santiago, J, 480
 Santiago, J F, 471, 490
 Santos, A O, 370, 484
 Sarangi, S, 187
 Saranoff, V, 626
 Sargin, O, 64
 Sari, O, 766, 931
 Sarikaya, I, 641, 849
 Sasaki, J, 383
 Sasaki, M, 11
 Sasaki, T, 852
 Sato, G, 140
 Sato, K, 74
 Satoh, K, 29, 200, 364
 Satoh, S, 832
 Sawada, T, 77
 Sawroop, K, 829, 1037
 Saxena, R, 996
 Saylor, M, 643
 Schaefer, J, 414
 Schaeffer, A, 421
 Schechter, D, 1018
 Schober, O, 874
 Schreckenberger, M, 694
 Schuster, D M, 376
 Schwartz, A, 146, 476
 Schwarz, M, 394

Sciuk, J, 874
 Segall, G M, 48
 Selby, JB, Sr., 1066
 Sen, S, 387
 Serena, A, 309
 Setoain, J, 947
 Shaffer, K, 734
 Shanthly, N, 492
 Sharma, R, 1047
 Shaw, L, 110
 Sheehan, J J, 629
 Sheu, M-H, 217
 Shih, C-S, 840
 Shih, W-J, 229, 539, 643, 647, 679
 Shima, H, 361
 Shimizu, K, 991
 Shimizu, T, 1000
 Shimoyamada, K, 551
 Shin, J W, 519
 Shin, M J, 519, 785
 Shinozaki, T, 637
 Shintaku, M, 943
 Shirato, H, 870
 Shnier, D, 281
 Shohtsu, A, 560
 Shreve, P D, 154
 Shuke, N, 74, 295, 926, 1057
 Shun, A, 107
 Siddalingappa, M, 738
 Siegel, A, 1, 104, 138, 1031
 Silva, F, 611
 Silverman, E D, 1010
 Simon, B, 210
 Singh, A, 863
 Sinha, P, 17
 Škvařilová, M, 775
 Slavin, J D, Jr., 70, 946
 Slosman, D O, 804
 Sohn, M-H, 558, 824
 Sood, A, 1047
 Sopov, W, 511
 Sotiropoulou, M, 434
 Souder, E, 596
 Soudry, G, 670
 Sousa, M C M, 484
 Söylev, M, 704
 Soyly, A, 227
 Soyupak, S, 1061
 Spauwen, P H M, 97
 Spencer, R P, 70, 152, 374, 405, 562, 946
 Spetzger, U, 694
 Srinivas, N, 477
 Stark, L, 213, 469
 Staudenherz, A, 1028
 Steel, J R, 131
 Steiner, R M, 738
 Stipsaneli, E, 434
 Stokkel, M, 834
 Storey, G, 288, 392
 Storey, G R, 133
 Strain, J P, 608
 Straka, M R, 54
 Strollo, D, 882
 Strom, S C, 447
 Studentsova, Y, 626
 Sueyoshi, K, 285, 1000

Suga, K, 208, 263, 301, 565, 718, 796, 1063
 Sugawara, Y, 986, 991
 Sugihara, H, 77, 206
 Sun, S-S, 840, 1052, 1062
 Suzuki, T, 1024
 Suzuki, Y, 295, 383, 721
 Swanepoel, C R, 407
 Swanson, D, 447
 Swing, L S, 152

T

Taaleb, K, 939
 Takagishi, K, 637
 Takahashi, K, 74, 295
 Takahashi, M, 1000
 Takahashi, S, 1024
 Takahashi, W, 560
 Takasawa, M, 852
 Takeda, Y, 289
 Takeshita, T, 495
 Tamaki, N, 115, 870
 Tanabe, M, 29, 200, 364
 Tanaka, H, 991
 Tanaka, R, 832
 Tarolo, G, 822
 Tatlidil, R, 591, 1004
 Tatsu, Y, 285, 1000
 Tatsumi, T, 1000
 Tauxe, W N, 7
 Teates, C D, 354
 Teixeira, A B M J, 484
 Telepak, R J, 557
 Teramoto, A, 749
 Terranova, M L, 312
 Thomas, M O, 698
 Thomas, R J, 716
 Thomason, J W W, 661
 Tian, J, 614
 Toba, M, 289
 Toft, L V, 844
 Tokita, N, 619
 Tokusashi, Y, 1057
 Tokuz, G, 227
 Tollin, S R, 341
 Tomas, M B, 963
 Tominaga, S, 1040
 Toney, M O, 67, 303
 Toniato, A, 527, 898
 Tontsch, D, 414
 Torrens, J I, 145
 Torres, M, 645
 Törü, M, 766
 Tovbin, D, 184
 Towbin, R, 447
 Townsend, D W, 882, 905
 Toyama, Y, 200
 Trejo, L, 812
 Treves, S T, 410, 819
 Tsai, M-F, 485
 Tsai, S-C, 191, 197, 220, 348, 840, 1052, 1062
 Tsuda, T, 991
 Tsujii, H, 77
 Tsukamoto, E, 870
 Tsukune, Y, 551

Tulla, H, 779
 Turtle, J R, 390
 Tzen, K-Y, 62, 485

U

Uccelli, L, 255
 Uchiyama, K, 361
 Uematsu, M, 549
 Uemura, A, 424
 Uesugi, Y, 1000
 Ugur, O, 193, 682
 Umans, H, 17
 Umfrid, R P, 546
 Uren, R, 107, 297, 801
 Urso, G K, 882
 Usalan, C, 682
 Ushijima, Y, 206
 Uslu, I, 20
 Üstün, F, 387
 Usui, K, 74, 926, 1057
 Utsunomiya, K, 285
 Utunomiya, K, 1000
 Uysal, B, 704

V

Vallejo, J A, 645
 van der Wall, H, 71, 79, 288, 392, 622, 915
 Van de Wiele, C, 386, 633, 923
 Vandici, O, 827
 van Dongen, A J, 97
 van Heertum, R, 1050
 Vanninen, E, 779
 Van Riel, A, 308
 van Rijk, P P, 97
 Vansant, J, 919
 Vardareli, E, 379, 826
 Vasinrapee, P, 917
 Vazquez-Sellés, J, 611
 Vehec, A, 213, 469
 Velidaki, A, 727
 Vento, J A, 152, 374
 Verhaar-Langereis, M J, 817
 Versaci, A, 312
 Vidal, S, 701
 Villemagne, V, 905
 Vivian, G, 224
 Vogelaers, D, 633, 923
 Vyas, P K, 209

W

Waldherr, C, 389
 Wang, S-J, 191, 197, 220, 348, 737, 1029
 Wang, Y-F, 167, 729
 Ward, D L, 911
 Watanabe, D, 383
 Watanabe, H, 637
 Watanabe, M, 852
 Welcke, U, 210, 414
 Weon, Y C, 519
 West, A, 591
 Whang, K-H, 924
 Whelan, T, 123
 Wieler, H, 939
 Wienrbinski, B, 539

Wilkinson, R H, Jr., 173
Williams, R D, 698
Williams, W H, 451
Winer-Muram, H T, 738
Witte, C L, 451
Witte, M H, 451
Wong, C O, 736
Wong, D C, 548
Worsley, D F, 665
Wu, H-S, 348

X

Xiong, J, 591

Y

Yamada, T, 295
Yamaguchi, H, 619
Yamaji, S, 11
Yamamoto, W, 74, 926, 1057
Yamamoto, Y, 29, 200, 364

Yamanaka, Y, 1057
Yamashita, E, 721
Yamazaki, A, 870
Yanagimachi, N, 383
Yang, D C, 738
Yang, S-O, 519
Yang, S-P, 167, 729
Yasuda, S, 560
Yen, T-C, 62
Yeung, H W D, 676, 731
Yiannakopoulos, V, 631
Yildiz, A, 935
Yilmaz, M, 747
Yim, S Y, 268
Yoon, S, 789
Yoon, S-N, 924
Yoshikawa, M, 986
Yoshioka, J, 619
Yu, C-Y, 563
Yu, H-S, 292
Yu, S-M, 217

Yüksel, D, 193
Yüksel, M, 387
Yun, M, 603
Yung, B C K, 249
Yung, E, 341

Z

Zamora, B, 137
Zanzi, I, 626
Zeggel, T, 694
Zerva, C, 434
Zhang, J, 614
Zhuang, H, 281, 358, 838
Zilka, L R, 476
Ziv, N, 394
Zomer, I, 52
Zonnenberg, B A, 817
Zubeldia, J M, 554
Zucker, R J, 303
Zwas, S T, 146, 476

Subject Index—Volume 25

A

- Abdominal imaging
 - in females, Tc-99m MIBI in, 614–618
 - in protein-losing gastroenteropathy, 197–199
 - radionuclide first-pass studies, early appearance of IVC on, 679–681
- Abdominal wall, anterior, infantile hemangioendothelioma of, 938
- Abscess
 - hepatic
 - on hepatobiliary imaging, 562
 - hepatobiliary imaging of, 312–314
 - paraspinal, complicating facet joint injection, 71–73
 - psoas, lymphoma mimicking, on Ga-67 scintigraphy, 567–568
 - retropharyngeal, and thyrotoxicosis, 249–252
- Abstracts, 323–329
 - of Central Chapter, Society of Nuclear Medicine Meeting, April 14–16, 2000, 950–951
 - of Southeastern Chapter, Society of Nuclear Medicine, 40th Annual Meeting, 1999, 81–82
 - of Southwestern Chapter, Society of Nuclear Medicine, 45th Annual Meeting, 2000, 231–232, 233
- Achalasia, in scleroderma, 931
- Acquired immunodeficiency syndrome (AIDS)
 - invasive aspergillosis in, Ga-67 scan in, 1035–1036
 - lymphoma in, F-18 FDG PET versus Ga-67 scans of (ab), 327
- Adamantinoma, tibial, three-phase bone scan of, 1057–1058
- Adenocarcinoma of unknown origin, nonosseous uptake on bone scan in, 751–752
- Adenoma
 - parathyroid
 - coexisting with papillary thyroid cancer, 772–774
 - dual-isotope imaging of, artifact detection in, 919–920
 - ectopic, 44–47
 - false-positive, with lymphadenopathy, 216–217
 - intrathymic, 59–60
 - pertechnetate-MIBI subtraction scintigraphy of, 898–900
 - Tc-99m MIBI imaging of, 919–920
 - pituitary, F-18 FDG myocardial PET findings before and after treatment of, 619–621
- Adenosine, protocol, for myocardial perfusion imaging (ab), 324
- Adrenal glands
 - hemorrhage, coexisting with renal vein thrombosis, imaging of, 263–267
 - mass in, in lung cancer patient, FDG coincidence PET of, 924–925
- Adrenocortical carcinoma, in infant, Ga-67 scintigraphy of, 394–395
- Afferent loop syndrome, Tc-99m mebrofenin hepatobiliary scintigraphy in, 492–494
- AIDS. *See* Acquired immunodeficiency syndrome (AIDS)
- Alzheimer's disease
 - cerebral glucose metabolism in, assessment of, standardized uptake value in, 11–16
 - differential diagnosis of, Tc-99m HMPAO in (ab), 81
- Amyloidosis, cardiac, Tc-99m MDP uptake in, 826–827
- Anemia, megaloblastic, transient splenic accumulation of Tc-99m HMDP in, 1024–1027
- Aneurysm
 - hepatic artery, on Tc-99m RBC scintigraphy, 1039–1040
 - of interventricular septum, myocardial perfusion SPECT of, 60–61
- Anti-carcinoembryonic antibody. *See* Technetium-99m Arcitumomab (CEA scan) scintigraphy
- Aortic graft, chronic DIC with, In-111 platelet scintigraphy in, 588–590
- Arteriovenous fistula, coronary, gated blood-pool SPECT of, 913–916
- Arteriovenous malformation, cerebral, pretreatment PET language mapping in patients with, 591–595
- Arthroscopy, reflex sympathetic dystrophy after, 1028–1029
- Ascites, absence of, and peritoneo-pleural communication, 935–936
- Aspergillosis, invasive, Ga-67 scan in, 1035–1036
- Aspirin, in Tc-99m DTPA renography, in detection of renovascular hypertension, 682–690
- Astrocytoma, cerebellar, contralateral cortical diaschisis with, 431–433
- Atlanto-occipital dislocation, cerebellar infarction secondary to, 1031–1032
- Avascular necrosis
 - of capitate bone, 372–373
 - in Gaucher disease, 297–298

B

- Becker muscular dystrophy, with focal myositis on bone scintigraphy, 1010–1012

- Beta-cell imaging, F-18-labeled tolbutamide in (ab), 329
- Beta-emitters, intrathecal therapy with, whole-body and depth dosimetry for (ab), 233
- Bile duct
- acquired blockage of, 562
 - common, nonvisualization of, with bilioenteric fistula, 309-311
 - stenosis, caused by pancreatic head adenocarcinoma, 299-300
- Biliary leak, radionuclide imaging of, 312-314
- variants and incidence (ab), 323
- Biliary scintigraphy, of gallbladder ejection fraction, 1-6
- Bilioenteric fistula, scintigraphic findings with, 309-311
- Biloma, in pediatric patient with liver transplant, 107-109
- Bladder
- displaced, and bone scan findings, 824-825
 - and vesicocoeal fistula, detected on renal imaging, 631-632
- Blood pool scintigraphy
- NuSMUGA in (ab), 950
 - Tc-99m RBC, breast cancer detected on, 641-642
 - Tc-99m tetrofosmin, in monoclonal gammopathy of uncertain significance, 536-538
 - of thyroid hemangioma, 769-771
- Blue rubber bleb nevus syndrome, Tc-99m RBC imaging of, 835-837
- Bone
- aneurysmal cyst of, 1033-1034
 - infection, Tc-99m HMPAO leukocyte scan of, 519-526
 - metastases to
 - from bronchogenic carcinoma, comparison of CT, MRI, and SPECT imaging of, 647-649
 - in colon cancer, on Tc-99m CEA scintigraphy, 817-818
 - of hepatocellular carcinoma, Tc-99m PMT whole-body scintigraphy of, 1000-1003
 - Re-186 HEDP therapy in leukocyte and thrombocyte suppression-recovery after, 405-406
 - mass reduction after, 901-904
 - sunburst periosteal reaction in, 392-393
 - Tc-99m(V) DMSA scintigraphy of, 637-640
 - metastasis to, solitary
 - of breast cancer, mimicking osteomyelitis, 480-481
 - Tl-201 in diagnosis of, 1042-1044
 - Tc-99m(V) DMSA scintigraphy of, 637-640
 - tumors
 - necrosis, histological assessment of, as index of response to chemotherapy, 874-881
 - response to chemotherapy, F-18 FDG PET of, 874-881
 - Tl-201 and three-phase bone scintigraphy of, 200-205
- Bone densitometry
- liver imaging on, with metastatic papillary thyroid cancer, 379
 - in males (ab), 323
 - metallic objects detected on (ab), 323
 - metastatic lung cancer on, 691-693
- Bone imaging
- of accessory navicular bones, 932-934
 - after previous acute infective spondylitis, 779-784
 - agent for, injection into radial artery, 539-540
 - in Becker muscular dystrophy, focal myositis on, 1010-1012
 - bilateral accessory iliac horns on, in nail-patella syndrome, 476-477
 - in bilateral idiopathic chondrolysis of hip, 1007-1009
 - with bone metastases from hepatocellular carcinoma, 1000-1003
 - in chronic tophaceous gout, 146-147
 - in cocaine-induced reflex sympathetic dystrophy, 863-865
 - crossed fused renal ectopia detected on, 552-553
 - in diagnosis of spinal osteomyelitis, Ga-67 scintigraphy versus magnetic resonance imaging, 963-977
 - Eikenella corrodens* vertebral osteomyelitis on, 1059-1060
 - in Erdheim-Chester disease, 414-420
 - extravasation of urine diagnosed on, 821-822
 - fibrous dysplasia with barely increased uptake on, 785-788
 - of fracture of C7 spinous process, 627-628
 - furosemide in, 79-80
 - intraoperative, in localization of osteblastomas, 819-820
 - of lung cancer metastases, 54-55
 - melanotic schwannoma and, 209
 - metaphyseal condrodysplasia on, 1047-1049
 - of metastatic calcification, 407-409
 - in hemodialysis patients, 377-378
 - in lung, 608-610
 - in muscular dystrophy, 135-136
 - necrotic liver metastases of pancreatic cancer seen on, 210-212
 - in patients with lower leg amputations, 804-811
 - in peroneal tendonitis, 17-19
 - popliteus bursitis on, 622-624
 - in pulmonary alveolar microlithiasis, 474-475
 - of reflex sympathetic dystrophy, after arthroscopy, 1028-1029
 - scatter radiation from palladium-103 prostate seed implants on, 629-630
 - scrotal disease demonstrated on, 1017-1018
 - in seat belt syndrome, 140-141

- SPECT, in spondylolysis, 93-96
in spinal osteomyelitis, 224-226
superscan, in Tc-99m (V) DMSA scintigraphy, 193-196
- Tc-99m HDP
extraosseous uptake in, 844-846
malignant supraclavicular lymph node visualized on, 376-377
- Tc-99m HMDP
glove phenomenon in, 539-540
in pediatric bone disease, 986-990
varicocele detected by, 947-948
- Tc-99m MDP
ascending colon seen on, 1040-1042
calcified substernal goiter on, 725-726
colon cancer seen on, 295-296
diffuse, intense lung uptake on, 608-610
of elephantiasis neuromatosa in von Recklinghausen's disease, 812-813
and extraosseous uptake in pectoralis muscles, 8 days after exercise, 65-66
in hemodialysis patients, 377-378
herniated stomach tissue on, 386-387
in hypophosphatemic osteomalacia, 337-340
monostotic fibrous dysplasia of sphenoid sinus on, 477-479
myocardial uptake on, in senile systemic amyloidosis with cardiac involvement, 826-827
in non-Hodgkin's lymphoma, 532-535
nonosseous uptake on, in adenocarcinoma of unknown primary origin, 751-752
in osteogenic sarcoma, 333-334
of paraganglioma metastases, 148-149
renal lithiasis on, 380-382
of rhabdomyolysis, 558-559
in spondylolysis, 93-96
Tc-99m (V) DMSA scintigraphy and, 193-196
uterine leiomyoma on, 484
uterine myoma and, 824-825
- Tc-99m(V) DMSA in, 193-196, 637-640
thoracic kidney detected on, 138-139
in thoracic kyphosis, 229-230
- three-phase
of bone and soft-tissue tumors, 200-205
of rhabdomyolysis, 558-559
of tibial adamantinoma, 1057-1058
- Tl-201
of bone and soft-tissue tumors, 200-205
in pediatric bone disease, 986-990
- venous bypass after deep venous thrombosis visible on, 291-292
- of vertebral metastases from bronchogenic carcinoma, comparison of CT, MRI, and SPECT, 647-649
- Bone marrow
F-18 FDG uptake by, reduced, after radiation therapy, 279-280
involvement in extramedullary plasmacytoma, F-18 FDG PET of, 870-873
- Bone marrow scan
pulmonary uptake of In-111 chloride in *Pneumocystis carinii* pneumonia on, 361-363
Tc-99m-labeled anti-granulocyte antibody, for evaluation of hematopoiesis in osteomyelofibrosis, 222-223
- Bone pain, metastatic, Sm-153 lexidronam treatment for, 698-700
- Book reviews
Nuclear Medicine Procedure Manual, Sixth Edition, 2000-2002, by William C. Klingensmith III, ed. Reviewed by Gerard W. Moskowitz, M.D., 753-754
Nuclear Oncology by C. Aktolun and W. N. Tauxe, eds. Reviewed by Andrew M. Keenan, M.D., 650
PET in Oncology. Basics and Clinical Applications by J. Ruhlmann, P. Ohr, and H.-J. Biersack, eds. Reviewed by Yusuf Menda, M.D., Mark T. Madsen, M.D., and David L. Bushness, M.D., 949
Teaching Atlas of Nuclear Medicine by Kevin J. Donohoe and Annick D. Van den Abbeele. Reviewed by John B. Selby, Sr., 1006
Textbook of Radiopharmacy: Theory and Practice, third edition, by Charles B. Sampson, ed. Reviewed by James A. Ponto, M.S., B.C.N.P., 569
Wireless Phones and Health by George L. Carlo, ed. Reviewed by Roland Bramlet, Ph.D., 237
- Bowel transit scanning, in idiopathic chronic constipation, 123-126
- Brachytherapy, for prostate cancer, and bone imaging, 629-630
- Brain
glucose metabolism
assessment of, standardized uptake value in, 11-16
FDG PET of, projection planes and, 596-602
in Sturge-Weber syndrome, 217-218
hyperemia, SPECT imaging of, 852-853
lymphoma metastatic to, Ga-67 scintigraphy of, 549-550
pretreatment PET language mapping in, in patients with cerebral AVMS, 591-595
- Brain death, determination
Tc-99m HMPAO brain scan and, 7-10, 1031-1032
Tc-99m HMPAO brain scan and (ab), 325
- Brain imaging
in neuro-Behçet's disease, 156-157

SPECT, in prognostication of motor development in cerebral palsy, 268-272
standardization and quantification of (ab), 82

Tc-99m HMPAO

with acetazolamide challenge, in neuronal migration disorder, 749-750
after acute subcortical hemorrhage, 852-853
in anterior choroidal artery infarction, 187-190
of cerebellar infarction secondary to atlanto-occipital dislocation, 1031-1032
in determination of brain death, 7-10, 1031-1032
in determination of brain death (ab), 325
in multiple myeloma, 495-496
in neuro-Beçet's disease, 156-157
standardization and quantification of (ab), 82

Breast

benign phyllodes tumor of, on Tc-99m MDP scintimammography, 551-552
infection, F-18 FDG uptake in, 100-103
inflammation, F-18 FDG uptake in, 100-103
sentinel lymph nodes in, imaging of
lymphoscintigraphy for, using larger colloid particles, 191-192
optimization of, 191-192, 978-985
patient position for (ab), 950
preoperative, lateral view and delayed imaging in (ab), 328
unfiltered versus filtered sulfur colloid for (ab), 231

Tc-99m MIBI scintigraphy of, in psoriasis, 374

Breast cancer

chest wall recurrence of, scintimammography of, 104-106
detected by Tc-99m RBC gated cardiac blood pool imaging, 641-642
lymphoscintigraphy in, optimization of, 978-985
metastases, to bone
Re-186 HEDP therapy for, 405-406
leukocyte and thrombocyte
suppression-recovery after, 405-406
mass reduction after, 901-904
solitary, mimicking tibial osteomyelitis, 480-481
with neuroendocrine differentiation, Tc-99m sestamibi and In-111 DTPA octreotide uptake in, 482-483
scintigraphic evolution of, with Tc-99m MIBI scintimammography, 701-703
stereotaxic interstitial laser therapy for, response to, F-18 FDG PET evaluation of, 505-507
Tc-99m(V) DMSA scan in, 434-439
Brodie's abscess, radiographic and scintigraphic findings in, 986-990

Bronchogenic carcinoma, vertebral metastases of, comparison of CT, MRI, and SPECT imaging of, 647-649

Bronchopleural fistula, detection of, Technegas in, 548-549

Brown tumor(s)

multiple, simulating bone metastases, 772-774
of sternum, 44-47

Bursitis, popliteus, scintigraphy of, 622-624

C

Calcinosis, in juvenile dermatomyositis, Tc-99m MDP scintigraphy of, 1013-1016

Capitate bone

avascular necrosis of, 372-373
fracture of, 372-373

Carcinoembryonic antigen, as tumor marker, in non-small-cell lung cancer, 814-816

Carcinoid, bilateral pulmonary, Tc-99m sestamibi SPECT of, 546-547

Cardiac imaging, Tc-99m sestamibi, incidental detection of Hürthle cell carcinoma on, 469-470

Cardiomyopathy

acromegalic, F-18 FDG PET in, 619-621
congenital, shunt imaging in, 827-828
hypertrophic, follow-up of myocardial perfusion and metabolic images in, 206-207

Carney complex, bone scan in, 209

CEA scan. *See* Technetium-99m Arcitumomab (CEA scan) scintigraphy

Cerebellum

contralateral diaschisis, with cerebellar astrocytoma, 431-433
infarction in, secondary to atlanto-occipital dislocation, 1031-1032

Cerebral blood flow

in neuro-Beçet's disease, 156-157
in neuronal migration disorder, on Tc-99m HMPAO SPECT with acetazolamide challenge, 749-750
in Sturge-Weber syndrome, 217-218
Tc-99m ethyl cysteinate dimer brain SPECT of, in prognostication of motor development in cerebral palsy, 268-272

Cerebrospinal fluid

pseudocyst, abdominal, radionuclide cisternography of, 1063-1065
rhinorrhea, radionuclide cisternographic findings with, 634-635
shunt, lumbopleural, patency of, on Tc-99m DTPA scan, 305-306

Cervical spine, fracture of C7 spinous process, on bone scintigraphy, 627-628

- Chemotherapy
 paradoxical restoration of hepatic Ga-67 uptake after, 565-566
 response to
 in bone tumor, F-18 FDG PET of, 874-881
 in non-small cell lung cancer, prediction of, Tc-99m MIBI versus Tl-201 in, 364-369
 standard uptake value for (ab), 232
- Child(ren). *See* Newborn; Pediatric patients
- Cholangiopancreatography, false-positive, with giant duodenal diverticulum, 1037-1038
- Cholecystitis
 acute
 hepatobiliary scintigraphy in (ab), 231
 morphine-augmented cholescintigraphy in, positive predictive value of, 603-607
 chronic, gallbladder ejection fraction in, 1-6
- Choledochal cysts, classification of, hepatobiliary scintigraphy for, 996-999
- Cholescintigraphy
 isolated left hepatic lobe cholestasis on, 829-830
 morphine augmentation and, 603-607
 Tc-99m DISIDA, incidental visualization of esophageal prosthesis on, 220-221
- Chondrodysplasia, metaphyseal, on bone scintigraphy, 1047-1049
- Chondrolysis, bilateral idiopathic, of hip, diagnosis of, 1007-1009
- Chondrosarcoma, Tc-99m tetrofosmin imaging in, 64-65
- Chylothorax
 postoperative, 335-336
 traumatic, pre- and postoperative lymphoscintigraphy in, 840-841
- Cirrhosis, and peritoneo-pleural communication, 935-936
- Cisternography, radionuclide
 of abdominal cerebrospinal fluid pseudocyst, 1063-1065
 with cerebrospinal fluid rhinorrhea, 634-635
 of thecal-pleural fistula, 1055-1056
- Cocaine, reflex sympathetic dystrophy caused by, 863-865
- Colon, lymphoma, abdominal red blood cell imaging of, 1052-1053
- Colon cancer
 bone metastases, on Tc-99m CEA scintigraphy, 817-818
 diagnosis of, PET in (ab), 324
 metastases, detection of, Tc-99m CEA immunoscintigraphy in (ab), 329
 recurrence, detection of, Tc-99m CEA immunoscintigraphy in (ab), 329
 synchronous, F-18 FDG in detection of, 370-371
 Tc-99m-labeled CEA monoclonal antibody scintigraphy in (ab), 329
 Tc-99m MDP uptake by, in juvenile patient, 295-296
- Colonic transit scanning, in idiopathic chronic constipation, 123-126
- Colorectal cancer. *See* Colon cancer
- Computed tomography (CT)
 of abdominal lymphoma, 227-228
 of bone, with vertebral metastases of lung cancer, 647-649
 of clinically silent pheochromocytoma, 796-800
 contrast-enhanced, of renal cortical necrosis, 184-186
 myelography, of thecal-pleural fistula, 1055-1056
 and PET, combined, in cancer, 905-910
 for staging of esophageal cancer, comparison with FDG PET, 882-887
- Constipation, idiopathic chronic, colonic transit scanning in, 123-126
- Continuous ambulatory peritoneal dialysis, pleural effusion secondary to, 62
- Coronary arteriovenous fistula, gated blood-pool SPECT of, 913-916
- Coronary artery disease (CAD)
 in diabetic patients, and prevention of ischemic preconditioning by sulfonyleureas (ab), 232
 gated myocardial SPECT of (ab), 950
- Cortical mapping, for language, pretreatment, in patients with cerebral AVMs, 591-595
- Cyclosporine A, inhibition of P-glycoprotein function, and Tc-99m sestamibi biodistribution, 20-23
- Cystitis, lupus, on Ga-67 scans, 737

D

- Deep venous thrombosis, of lower extremity
 chronic recurrent, F-18 FDG PET of, 838-839
 Tl-201 uptake by leg vein in, 208
 venous bypass after, seen on bone scan, 291-292
- Dementia. *See also* Alzheimer's disease
 atypical, FDG PET in, 1004-1006
 FDG PET in, 187-190, 1004-1006
 Tc-99m HMPAO in, 81, 187-190
 from white matter lesions, differential diagnosis of, Tc-99m HMPAO in (ab), 81
- Dental disease
 Ga-67 scintigraphy in, 383-384
 I-131 uptake in, 314-315
- Diabetes mellitus
 coronary artery disease in, and prevention of ischemic preconditioning by sulfonyleureas (ab), 232
 pedal osteomyelitis in, Tc-99m versus In-111-labeled leukocyte imaging of (ab), 328

Diaphragm, traumatic rupture of, 1045-1046
Diaphragmatic hernia
 in Ehlers-Danlos syndrome, and wandering spleen, 738-739
 thoracic kidney with, detected on bone scan, 138-139
Disseminated intravascular coagulation
 chronic, In-111 platelet scintigraphy in, 588-590
 local, In-111 platelet scintigraphy in, 588-590
Diuretic renogram
 position for, 471-472
 Tc-99m MAG3, mannitol versus furosemide for, 554-556
Drug washout, and underestimation of regional myocardial perfusion, 255-257
Dual-energy x-ray absorptiometry, force transmission measurement in injured wrist, 97-99
Duodenal diverticulum, giant, 1037-1038
Duodenum, perforation of, hepatobiliary imaging of, in pediatric patient, 41-43

E

Ehlers-Danlos syndrome, diaphragmatic hernia in, and wandering spleen, 738-739
Eikenella corrodens vertebral osteomyelitis, on bone scintigraphy, 1059-1060
Ejection fraction, regional, quantitative, and myocardial perfusion abnormalities, 110-114
Endoscopic retrograde cholangiopancreatography (ERCP), with bilioenteric fistula, 309-311
Enteritis, hemorrhagic, false-positive Meckel's scan with, 832-833
Eosinophilic granuloma, radiographic and scintigraphic findings in, 986-990
Epilepsy
 F-18 FDG coincidence imaging in (ab), 81
 localization of seizure foci in (ab), 81
Erdheim-Chester disease, bone scintigraphy in, 414-420
Erythrocytes. *See* Red blood cells
Esophageal cancer
 basaloid squamous cell, digital metastasis of, 557-558
 staging of
 CT versus FDG PET for, 882-887
 by F-18 FDG whole-body PET, 219-220
Esophageal reflux, on Tc-99m sestamibi myocardial imaging, 728-729
Esophagus, prosthesis, incidental visualization of, on Tc-99m DISIDA cholescintigraphy, 220-221
Ewing's sarcoma, Tc-99m MIBI in children with, 410-413

F

Fecal impaction, causing urinary tract obstruction, 306-307

Females, differential diagnosis of pelvic masses in, Tc-99m MIBI in, 614-618
Fibrothecoma, ovarian, Tc-99m dicarboxypropane diphosphonate uptake in, 488-489
Fibrous dysplasia, with barely increased uptake on bone scan, 785-788
Fluorine-18 labeled deoxyglucose (FDG)
 in detection of synchronous colon cancers, 370-371
 uptake
 in benign pulmonary nodule, 154-155
 in bone marrow, reduced, after radiation therapy, 279-280
 in breast infection and inflammation, 100-103
 in chest, in lung inflammation and infection, 273-278
 in inflammatory disease, 939-940
 in low-grade supratentorial ganglioglioma, 694-697
 in lung, in smokers (ab), 325
 in lymphoma, 939
 in nonmalignant disease, 939-940
 postoperative increase in, in leg opposite to osteosarcoma, 560-561
 in sarcoidosis, 939-940
Fluorine-18 labeled deoxyglucose (FDG) positron emission tomography (PET)
 in acromegalic cardiomyopathy, 619-621
 after radiation therapy, 279-280
 in anterior choroidal artery infarction, 187-190
 of aseptic loosening of knee prosthesis, 923
 in bacterial pneumonia, 490-491
 of bone tumor response to chemotherapy, 874-881
 in breast cancer, and treatment response to laser therapy, 505-507
 of cerebral glucose metabolism
 projection planes and, 596-602
 standardized uptake value in, 11-16
 in Sturge-Weber syndrome, 217-218
 of chronic recurrent deep venous thrombosis, 838-839
 coincidence imaging
 of adrenal mass, in lung cancer patient, 924-925
 in epilepsy (ab), 81
 incidental detection of pheochromocytoma on, 70-71
 of lymphoma, 789-795
 of radiation pneumonitis, 866-869
 in stroke recovery (ab), 81
 of contralateral cortical diaschisis with cerebellar astrocytoma, 431-433
 in diffuse Lewy body disease, 1004-1006
 of epithelioid sarcoma, 308-309
 exclusion of chronic osteomyelitis with, 281-284

- in giant cell arteritis, 633-634
- of hematometrocolpos, 486-487
- in infection (ab), 326
- in inflammation, 939-940
- in inflammation (ab), 326
- in kidney disease, standardized uptake value and, 358-360
- in lung inflammation and infection, 273-278
- in lymphoma, 939
- and management of cutaneous malignant melanoma, 48-51
- of meningioma, 736
- of mesothelioma, 636
- in nasopharyngeal carcinoma, 731-733
- of non-Hodgkin's lymphoma, 532-535
 - in AIDS patients (ab), 327
- of pancreatic islet cell tumors, 115-119
- in sarcoidosis, 939-940
- in sarcoidosis (ab), 327
- in suspected joint prosthesis infection (ab), 328
- whole-body
 - of bone marrow involvement in extramedullary plasmacytoma, 870-873
 - esophageal cancer staging by, 219-220
- Fracture(s)
 - of capitate bone, 372-373
 - of C7 spinous process, on bone scintigraphy, 627-628
- Furosemide, in complex bone scintigraphy, 79-80

G

- Gallbladder. *See also* Hepatobiliary imaging
 - ejection fraction, scintigraphic and ultrasonographic calculation of, 1-6
 - floating, 182-183
 - retrodisplaced, hepatobiliary scintigraphy of, 57-59
 - torsion of, 182-183
- Gallium-67 citrate, diffuse abdominal uptake of, 74-76
 - in tuberculous peritonitis, 214-215
- Gallium-67 citrate imaging
 - in bacterial pneumonia, 490-491
 - of bilateral primary adrenal lymphoma, 721-722
 - cutaneous mantle cell lymphoma detected with, 849-851
 - of HIV-infected (AIDS) patient with lymphoma (ab), 327
 - in Kartagener's syndrome, 1050-1051
 - of myositis of trapezius muscles, 296-297
 - in sarcoidosis (ab), 327
 - in spinal osteomyelitis, 224-226
 - without hepatic or renal activity, 63
- Gallium-67 scintigraphy
 - of adrenocortical carcinoma in infant, 394-395
 - in bilateral primary adrenal lymphoma, 718-720
 - in diagnosis of spinal osteomyelitis, versus magnetic resonance imaging, 963-977
 - of Hodgkin's lymphoma, posttreatment residual Ga-67 uptake in, long-term follow-up, 959-962
 - of invasive aspergillosis, 1035-1036
 - of lung, toxic effects of CHOP chemotherapy seen on, 734-735
 - of lupus cystitis, 737
 - in lymphoma
 - with brain metastases, 549-550
 - mimicking psoas abscess, 567-568
 - posttreatment residual Ga-67 uptake in, long-term follow-up, 959-962
 - predictive value of, 389
 - of masticator muscle infection, 383-384
 - of mediastinal neurilemmoma, comparison with Tc-99m(V) DMSA SPECT, 292-294
 - of pyometra, 485-486
 - SPECT, in polycystic liver, 131-132
 - in Takayasu's arteritis, 67-69
 - of thyroid cancer, 926-929
- Gallium-67 uptake
 - in cutaneous lesions of graft-versus-host disease, 676-678
 - hepatic, post-chemotherapy, paradoxical restoration of, 565-566
- Gamma camera
 - coincidence imaging
 - of adrenal mass, in lung cancer patient, 924-925
 - in assessment of lymphoma, 789-795
 - F-18 FDG, of radiation pneumonitis, 866-869
 - non-homogeneous attenuation correction for (ab), 327
 - of pulmonary nodules (ab), 327
 - dual detector, in measurement of glomerular filtration rate, 258-262
 - dual head
 - in assessment of lymphoma, 789-795
 - in assessment of pulmonary nodules (ab), 327
 - non-homogeneous attenuation correction on (ab), 327
- Ganglioglioma, low-grade supratentorial, F-18 FDG uptake in, 694-697
- Gastric cancer, intraperitoneal dissemination of, diffuse abdominal uptake of Ga-67 citrate in, 74-76
- Gastric volvulus, detected by I-131 whole-body imaging, 303-305
- Gastroesophageal reflux, and myocardial imaging, 834
- Gastrointestinal bleeding, from jejunal lipoma, 946
- Gastrointestinal bleeding site studies
 - radiolabeled biotin liposomes and avidin-mediated background reduction in (ab), 232

- Tc-99m RBC
colonic lymphoma detected on, 1052-1053
early appearance of IVC on, 679-681
false-positive, with ectopic kidney, 645-646, 1033-1034
hepatic artery aneurysm on, 1039-1040
superficial circumflex iliac artery on, 424-426
- Gastrointestinal tract, in blue rubber bleb nevus syndrome, Tc-99m RBC imaging of, 835-837
- Gaucher disease, avascular crisis in, 297-298
- Giant cell arteritis
F-18 FDG PET in, 633-634
splenic involvement in, 633-634
- Glomerular filtration rate, determination of, geometric mean of renal activity in, 258-262
- Glove phenomenon, with injection of bone imaging agent into radial artery, 539-540
- Glucagonoma
In-111 DTPA-D-PHE1 octreotide scintigraphy of, 120-122
management of, 120-122
- Glucose metabolism
and antibody targeting in relapsed/refractory non-Hodgkin's lymphoma (ab), 325
cerebral, F-18 FDG PET study of projection planes and, 596-602
standardized uptake value in, 11-16
in Sturge-Weber syndrome, 217-218
- Goiter
nontoxic, Tc-99m MDP thyroid uptake in, 929-930
retrosternal
diagnosis of, Tc-99m pertechnetate scintigraphy in, 467-468
false-positive, in scleroderma, 931
substernal, calcified, on bone scan, 725-726
- Gout, chronic tophaceous, bone scan in, 146-147
- Graft-versus-host disease, cutaneous lesions of, Ga-67 uptake in, 676-678
- Graves' disease, ophthalmopathy of
retrobulbar uptake of In-111 octreotide in, 723-724
Tc-99m HIG imaging in, 704-707
- H**
- Heart, calcifications, in hemodialysis patients, Tc-99m MDP imaging of, 377-378
- Hemangioendothelioma, infantile, 938
- Hemangioma
giant hepatic, 299-300
hepatic, cavernous, Tc-99m RBC scintigraphy of, 511-513
intramuscular, of arm, Tc-99m RBC scintigraphy of, 514-515
thyroid, blood-pool imaging of, 769-771
vertebral
and *Eikenella corrodens* vertebral osteomyelitis, 1059-1060
mimicking metastatic bone lesion, 611-613
- Hematometrocolpos, diagnosis of, 486-487
- Hematopoiesis, in osteomyelofibrosis, evaluation of, Tc-99m-labeled anti-granulocyte antibody scan for, 222-223
- Hemolytic uremic syndrome, 832-833
- Hepatic artery, thrombosis, in pediatric patient with liver transplant, 107-109
- Hepatobiliary imaging
in acute cholecystitis (ab), 231
of biliary leakage, 312-314
of biliary leakage (ab), 323
with bilioenteric fistula, 309-311
of choledochal cysts, 996-999
common bile duct activity on, after morphine administration, 603-607
decubitus view in, 182-183
in differential diagnosis of extrahepatic metastases of hepatocellular carcinoma, 991-995
false-positive, with giant duodenal diverticulum, 1037-1038
of hepatic abscess, 562
of hepatic infarction and biloma, in pediatric patient with liver transplant, 107-109
of pediatric duodenal perforation, 41-43
of retrodisplaced gallbladder, 57-59
sphincter of Oddi dysfunction on, 670-675
Tc-99m HIDA, sphincter of Oddi dysfunction on, 670-675
Tc-99m mebrofenin, in afferent loop syndrome, 492-494
- Hepatocellular carcinoma (HCC)
bone metastases, Tc-99m PMT whole-body scintigraphy of, 1000-1003
diagnosis of, 563-564
extrahepatic metastases of, differential diagnosis of, 991-995
unusual presentation of, 563-564
- Hepatocytes, In-111-labeled, for analysis of biodistribution of transplanted hepatocytes, 447-450
- Hiatal hernia, on Tc-99m sestamibi images, 142-144
- Hinman syndrome, fecal impaction causing urinary tract obstruction in, 306-307
- Hips, bilateral idiopathic chondrolysis of, diagnosis of, 1007-1009
- Hodgkin's lymphoma, Ga-67 scintigraphy of, posttreatment residual Ga-67 uptake in, long-term follow-up, 959-962
- Hürthle cell carcinoma, incidental detection of, on Tc-99m sestamibi cardiac imaging, 469-470
- Hydronephrosis
diagnosis of, 471-472

- false-positive, on renal scintigraphy, 940-942
prenatally diagnosed, surgical intervention in (ab), 329
- Hypercalcemia**
bone scan in, 407-409
extraosseous uptake of Tc-99m HDP in, 844-846
- Hyperparathyroidism**
bone scan in, 407-409
brown tumors in, 44-47
persistent, in patient with sarcoidosis, Tc-99m sestamibi imaging pre- and post-treatment in, 351-353
pertechnetate plus perchlorate/MIBI subtraction scintigraphy in, 527-531
primary, surgical management of, parathyroid imaging and intraoperative PTH assays for, 173-178
recurrent, Tc-99m MIBI imaging in, 348-350
Tc-99m sestamibi scintigraphy in, 919-920
- Hypertension, renovascular**
non-Hodgkin's lymphoma presenting with, 150-151
Tc-99m DTPA aspirin renography in, 682-690
- Hyperthyroidism.** *See also* Graves' disease
I-131 therapy for, in peritoneal dialysis patient, radiation safety precautions for (ab), 950-951
struma ovarii with, 763-765
- Hypertrophic pulmonary osteoarthropathy, caused by xanthogranulomatous inflammation of lung,** 1029-1030
- Hypoplastic left heart syndrome, thoracic duct injury in, lymphoscintigraphy of,** 335-336
- I**
- Iliac horns, bilateral accessory, in nail-patella syndrome,** 476-477
- Image fusion**
I-131 MIBG-SPECT-MRI, in localization of pheochromocytoma, 440-442
PET-CT, in cancer, 905-910
- Incidentaloma, adrenal, on F-18 FDG coincidence imaging,** 70-71
- Indium-111 capromab pendetide (ProstaScint)**
imaging, of prostate cancer
dual-isotope procedure for, 33-40
in management of recurrence or metastases (ab), 329
- Indium-111 chloride, pulmonary uptake of, in *Pneumocystis carinii* pneumonia,** 361-363
- Indium-111 diethylenetriaminepentaacetic acid (DTPA)**
bowel transit scanning, in idiopathic chronic constipation, 123-126
myeloscintigraphy, of subarachnoid-pleural fistula (*erratum*), 311
- octreotide imaging, in breast cancer with neuroendocrine differentiation, 482-483
radionuclide cisternography, abdominal cerebrospinal fluid pseudocyst on, 1063-1065
N-terminal D-phenylalanine (D-PHE1) octreotide scan, of glucagonoma, 120-122
- Indium-111 labeled CYT-356 (ProstaScint).** *See* Indium-111 capromab pendetide (ProstaScint) imaging
- Indium-111-labeled hepatocytes, for analysis of biodistribution of transplanted hepatocytes,** 447-450
- Indium-111 leukocyte scan**
in Ehlers-Danlos syndrome, and wandering spleen, 738-739
in peritonitis, 911-912
versus Tc-99m leukocyte scan, in detection of pedal osteomyelitis in diabetes (ab), 328
- Indium-111 octreotide, retrobulbar uptake of, in Graves' ophthalmopathy,** 723-724
- Indium-111 octreotide imaging.** *See also* Indium-111 pentetreotide (Octreoscan) imaging
in breast cancer with neuroendocrine differentiation, 482-483
of glucagonoma, 120-122
in non-small-cell lung cancer, 814-816
- Indium-111-oxine labeled platelet imaging, systemic thromboembolism detected on,** 1062-1063
- Indium-111 pentetreotide (Octreoscan) imaging.** *See also* Indium-111 octreotide imaging
in Graves' ophthalmopathy, 723-724
in non-small-cell lung cancer, 24-28
of non-small cell lung cancer, 24-28
- Indium-111 platelet scintigraphy, in chronic disseminated intravascular coagulation,** 588-590
- Infection**
bone, Tc-99m HMPAO leukocyte scan of, 519-526
breast, F-18 FDG uptake in, 100-103
complicating facet joint injection, 71-73
F-18 FDG PET in (ab), 326
of joint prosthesis, F-18 FDG imaging of (ab), 328
masticator muscle, Ga-67 scintigraphy of, 383-384
odontogenic, Ga-67 scintigraphy in, 383-384
of one cyst in polycystic liver, Ga-67 citrate SPECT of, 131-132
of prosthetic joint, sequestered collection associated with, 288-289
pulmonary, F-18 FDG uptake in, 273-278
radionuclide imaging of, in patients with lower leg amputations, 804-811
- Inferior vena cava, early appearance on Tc-99m RBC scan,** 679-681
- Inflammation**
breast, F-18 FDG uptake in, 100-103

- detection of, in neutropenic patients (ab), 232
- F-18 FDG PET in (ab), 326
- F-18 FDG uptake in, 939-940
- pulmonary, F-18 FDG uptake in, 273-278
- Inflammatory bowel disease, pediatric
 - Tc-99m WBC imaging of, 708-715
 - unusual WBC scan in, 801-803
- Interventricular septum, aneurysm of, myocardial perfusion SPECT of, 60-61
- Iodine-123, imaging
 - unilateral lactation on, 390-391
 - vanishing limb on, with postpolio wasting, 390-391
- Iodine-131
 - scans
 - post-therapy versus pre-therapy, with thyrotropin alfa stimulation (ab), 233
 - reverse discordancy with toxic thyroid adenoma, 52-53
 - therapy
 - for hyperthyroidism, in peritoneal dialysis patient, radiation safety precautions for (ab), 950-951
 - iatrogenic vocal cord paralysis after, 508-510
 - uptake
 - abnormal, mimicking salivary gland uptake, in diffuse dental disease, 314-315
 - in differentiated thyroid cancer, prediction of (ab), 951
 - by metallic sutures in skull, 1053-1054
 - in thymic hyperplasia with atypical CT findings, 375
 - whole-body scan
 - false-positive, caused by frontal sinus mucocoele, 137-138
 - in follow-up of differentiated thyroid cancer, 443-446
 - gastric volvulus detected with, 303-305
 - liver metastases on, with malignant struma ovarii, 465-466
 - parotid uptake of I-131 on, 895-897
 - scatter correction for (ab), 325
- Iodine-131 adosterol scintigraphy, in bilateral primary adrenal lymphoma, 718-720
- Iodine-123 BMIPP scintigraphy, myocardial imaging
 - in hypertrophic cardiomyopathy, 206-207
 - in neonatal Coxsackie B2 virus myocarditis, 77-78
- Iodine-123 metaiodobenzylguanidine (MIBG)
 - imaging
 - cardiac, with implantable cardiac defibrillator (ab), 323
 - early SPECT, of recurrent pheochromocytoma, 285-287
 - of paraganglioma metastases, 148-149

- Iodine-131 metaiodobenzylguanidine (MIBG)
 - imaging
 - of clinically silent pheochromocytoma, 796-800
 - in localization of pheochromocytoma, 440-442
- Iodine-123 β -methyliodophenyl pentadecanoic acid.
 - See Iodine-123 BMIPP scintigraphy
- Ischemic heart disease, in diabetic patients, and prevention of ischemic preconditioning by sulfonylureas (ab), 232
- Ischemic preconditioning, in diabetic patients, prevention of, by sulfonylureas (ab), 232

J

- Joint prosthesis, infection of
 - F-18 FDG imaging of (ab), 328
 - sequestered collection associated with, 288-289
- Juvenile dermatomyositis, calcinosis in, Tc-99m MDP scintigraphy of, 1013-1016

K

- Kartagener's syndrome, Ga-67 citrate imaging in, 1050-1051
- Kidney. *See also* Renal
 - acute tubular necrosis, with intestinal visualization of Tc-99m DMSA, 387-388
 - disease, F-18 FDG PET in, standardized uptake value and, 358-360
 - duplex, on indirect radionuclide cystography, 628-629
 - dysplastic, Tc-99m DMSA scan of, 624-625
 - ectopic
 - crossed fused, on bone scan, 552-553
 - false-positive gastrointestinal bleeding study with, 645-646
 - intrathoracic mass simulated by, 289-290
 - failure
 - Ga-67 citrate scan in, 63
 - metastatic calcification in, on bone scan, 407-409
 - horseshoe, diagnosis of, on renal scintigraphy, 626-627
 - lithiasis, on Tc-99m MDP bone scan, 380-382
 - Tc-99m pertechnetate uptake in, 940-942
 - thoracic, detected on bone scan, 138-139
 - transitional cell carcinoma, bony metastasis of, sunburst periosteal reaction in, 392-393
 - transplantation
 - en bloc, from pediatric cadavers, complications of, 579-584
 - Tc-99m MAG3 scintigraphy after, intestinal activity and, 643-644
 - ultrasound of, 626-627

Knee prosthesis, aseptic loosening of, FDG PET of, 923

L

Lacrimal glands, thallium-201 uptake, caused by crying during injection, 56

Lactation, unilateral, 390-391

Lap-shoulder safety belts, and sternal fractures in MVA victims, 140-141

Left ventricle, transient ischemic dilatation, measurement using differing gamma camera, radionuclides, and scanning techniques (ab), 950

Left ventricular hypertrophy, SPECT perfusion imaging in (ab), 324

Left ventricular volume, measurement using differing gamma camera, radionuclides, and scanning techniques (ab), 950

Leg, lower, amputations of, radionuclide imaging patterns with, 804-811

Leiomyoma, uterine, Tc-99m MDP uptake in, 484

Letters to the editor, on sentinel nodes, 234-236

Leukocyte scintigraphy

In-111-labeled, versus Tc-99m-labeled, in detection of pedal osteomyelitis in diabetes (ab), 328

Tc-99m-labeled

of infected arthroplasty, 288-289

versus In-111-labeled, in detection of pedal osteomyelitis in diabetes (ab), 328

in pediatric inflammatory bowel disease, 708-715, 801-803

Tc-99m stannous colloid-labeled, in liver failure, 743-746

Lewy body disease, diffuse, FDG PET in, 1004-1006

Lipoma, gastrointestinal, bleeding from, 946

Lissencephaly, regional cerebral blood flow in, Tc-99m HMPAO SPECT of, 749-750

Liver

abscess, hepatobiliary imaging of, 312-314

cavernous hemangioma, on Tc-99m RBC scintigraphy, 511-513

failure

Ga-67 citrate scan in, 63

Tc-99m stannous colloid leukocyte scan in, 743-746

focal nodular hyperplasia of, 516-518

central scar in, on scintigraphy, 831-832

differentiation from hepatocellular carcinoma, 563-564

Ga-67 uptake in, post-chemotherapy, paradoxical restoration of, 565-566

infantile hemangioendothelioma of, 938

lobar cholestasis, on cholescintigraphy, 829-830

metastases to, with malignant struma ovarii, on I-131 whole-body scan, 465-466

nonvisualization of, on Tc-99m sestamibi parathyroid scan, 921-922

pancreatic cancer metastases in, seen on bone scans, 210-212

polycystic, Ga-67 citrate SPECT of, 131-132

spleen inferior to, 944-945

thyroid cancer metastatic to, on bone

densitometry, 379

transplantation, pediatric patient with, unusual

biliary scan in, 107-109

Liver imaging. *See also* Hepatobiliary imaging

false-positive, with giant duodenal diverticulum, 1037-1038

in focal nodular hyperplasia, 563-564

in hepatocellular carcinoma, 563-564

Low back pain, management of, SPECT in, 93-96

Lung. *See also* Pulmonary

alveolar microlithiasis, bone scanning in, 474-475

bilateral carcinoid, Tc-99m sestamibi SPECT of, 546-547

calcifications, Tc-99m MDP imaging of, 608-610

in hemodialysis patients, 377-378

F-18 FDG uptake by, in smokers (ab), 325

herniation of, on lung perfusion images, 1061

infection, F-18 FDG uptake in, 273-278

inflammation, F-18 FDG uptake in, 273-278

metastases to, false-positive F-18 FDG scan, 273-278

pseudolymphoma of, 154-155

pulmonary shunt in, on quantitative lung scan, 729-730

toxic effects of CHOP chemotherapy in, seen on Ga-67 scan, 734-735

xanthogranulomatous inflammation of, hypertrophic pulmonary osteoarthropathy caused by, 1029-1030

Lung cancer

dual isotope SPECT in, in prediction of chemotherapeutic response, 364-369

metastases of

on bone densitometry, 691-693

FDG coincidence PET of, 924-925

non-small cell

chemotherapeutic response in, prediction of, Tc-99m MIBI versus Tl-201 in, 364-369

In-111 octreotide scintigraphy in, 814-816

In-111 pentetreotide imaging of, 24-28

mediastinal lymph node metastases, Tc-99m

MIBI versus Tl-201 chloride SPECT in, 29-32

staging of, CT versus F-18 FDG PET for (ab), 951

radiation pneumonitis with, F-18 FDG Co-PET of, 866-869

- small cell, skeletal metastases of, 54–55
 - vertebral metastases of, comparison of CT, MRI, and SPECT imaging of, 647–649
 - Lung imaging, quantitative scan, pulmonary shunt evidenced on, 729–730
 - Lung perfusion imaging
 - small iatrogenic hot spots on (ab), 231
 - Tc-99m MAA
 - lung herniation on, 1061
 - Paget-Schroetter syndrome on, 424–426
 - Lung ventilation imaging, aerosol, in detection of bronchopleural fistula, 548–549
 - Lung ventilation-perfusion scan
 - and chest radiography, match of, with pulmonary embolism, 665–669
 - in diagnosis of nephrotic syndrome, 167–172
 - in diagnosis of pigeon breeder's hypersensitivity pneumonitis, 421–423
 - with pulmonary embolism, 167–172
 - Lymphadenitis, chronic, Tl-201 uptake in, 943
 - Lymphadenopathy, sestamibi retention in, 216–217
 - Lymphedema, peripheral, evaluation of, radionuclide lymphangioscintigraphy in, 451–464
 - Lymph nodes
 - mediastinal, non-small cell lung cancer metastases to, Tc-99m MIBI versus Tl-201 SPECT of, 29–32
 - sentinel
 - in breast
 - optimization of imaging of, 191–192, 978–985
 - preoperative, lateral view and delayed imaging in (ab), 328
 - unfiltered versus filtered sulfur colloid for detection of (ab), 231
 - identification of, 234–236
 - with Tc-99m-labeled liposomes containing blue dye (ab), 231
 - Lymphoma. *See also* Non-Hodgkin's lymphoma
 - abdominal, Tc-99m human immunoglobulin uptake in, 227–228
 - B-cell
 - detected on Tc-99m sestamibi parathyroid scan, 716–718
 - predictive value of Ga-67 scintigraphy in, 389
 - bilateral primary adrenal
 - Ga-67 and I-131 adosterol scintigraphic findings in, 718–720
 - Ga-67 citrate scan of, 721–722
 - colonic, on Tc-99m-labeled RBC abdominal scan, 1052–1053
 - differential diagnosis, F-18 FDG uptake in, 939–940
 - F-18 FDG PET of, with coincidence detection, 789–795
 - mantle cell, cutaneous, detected with Ga-67 citrate imaging, 849–851
 - mesenteric, chemotherapy for, paradoxical restoration of hepatic Ga-67 uptake after, 565–566
 - mimicking psoas abscess, on Ga-67 scintigraphy, 567–568
 - Lymphoscintigraphy
 - in breast cancer
 - optimization of, 978–985
 - patient position for (ab), 950
 - in evaluation of peripheral lymphedema, 451–464
 - optimization of, 978–985
 - pre- and postoperative, in repair of traumatic chylothorax, 840–841
 - reusable shielded marker used in, 354–357
 - of sentinel lymph nodes, 234–236
 - in breast, unfiltered versus filtered sulfur colloid for detection of (ab), 231
 - optimization of imaging of, 191–192, 978–985
 - patient position for (ab), 950
 - with Tc-99m-labeled liposomes containing blue dye (ab), 231
 - using larger colloid particles, 191–192
 - Tc-99m dextran 70 for, clinical production of, 179–181
 - technical aspects of, 978–985
 - of thoracic duct injury in hypoplastic left heart syndrome, 335–336
- ## M
- Magnetic resonance imaging (MRI)
 - after previous acute infective spondylitis, 779–784
 - in bilateral idiopathic chondrolysis of hip, 1007–1009
 - of bone, with vertebral metastases of lung cancer, 647–649
 - of clinically silent pheochromocytoma, 796–800
 - of liver, false-positive, with giant duodenal diverticulum, 1037–1038
 - in neuro-Behçet's disease, 156–157
 - in spinal osteomyelitis, 224–226
 - bone and Ga-67 scintigraphy versus, 963–977
 - Mannitol, in Tc-99m MAG3 diuretic renography, 554–556
 - Mantle cell lymphoma, cutaneous, detected with Ga-67 citrate imaging, 849–851
 - Masticator muscles, infection, Ga-67 scintigraphy of, 383–384
 - Meckel's diverticulum scan, false-positive, with hemorrhagic enteritis, 832–833
 - Mediastinum
 - false-positive Tl-201 and Tc-99m subtraction imaging in, with brown tumor of sternum, 44–47
 - lymph nodes of, targeting, Tc-99m biotin liposomes and avidin for (ab), 232

- Megaloblastic anemia, transient splenic accumulation of Tc-99m HMDP in, 1024-1027
- Melanoma
cutaneous, management of, F-18 FDG PET and, 48-51
lymphoscintigraphy in, clinical production of Tc-99m dextran 70 for, 179-181
- Meningioma, combined sodium fluoride and F-18 FDG PET imaging of, 736
- Mesothelioma, F-18 FDG PET of, 636
- Metaphyseal chondrodysplasia, on bone scintigraphy, 1047-1049
- Monoclonal gammopathy of uncertain significance, biodistribution of Tc-99m tetrofosmin in, 536-538
- Morphine, augmentation of cholescintigraphy, 603-607
- Mucocele, frontal sinus, false-positive I-131 whole-body scan caused by, 137-138
- Mucociliary transport, rhinoscintigraphic study of, 127-130
- Multidrug resistance
assessment of, 410-413
and Tc-99m sestamibi biodistribution, 20-23
- Multiple myeloma
brain SPECT in, Tc-99m HMPAO accumulation in, 495-496
skeletal uptake on sestamibi cardiac images in, 213-214
- Muscle, Tc-99m MDP uptake, 8 days after exercise, 65-66
- Muscular dystrophy
Becker. *See* Becker muscular dystrophy
extraosseous uptake of Tc-99m HDP in, 135-136
- Myocardial imaging
F-18 FDG, in acromegalic cardiomyopathy, 619-621
gated SPECT
coronary arteriovenous fistula assessed by, 913-916
in coronary artery disease (ab), 950
I-123 BMIPP, in hypertrophic cardiomyopathy, 206-207
in neonatal Coxsackie B2 virus myocarditis, 77-78
perfusion
abnormalities on, prediction of, 110-114
with adenosine infusion protocol (ab), 324
after PTCA, prognostic value of, 775-778
in congenital cardiomyopathy, 827-828
drug washout and, 255-257
esophageal and tracheal activity on, 728-729
gastroesophageal reflux and, 834
hiatal hernia seen on, 142-144
in hypertrophic cardiomyopathy, 206-207
interventricular septal aneurysm on, 60-61
in left ventricular hypertrophy (ab), 324
in right bundle branch block, 585-587
single stress images, in chest pain population (ab), 324
SPECT attenuation artifacts in, 1019-1023
Rb-82 PET, 1019-1023
SPECT
attenuation artifacts in, 1019-1023
esophageal and tracheal activity on, 728-729
interventricular septal aneurysm on, 60-61
perfusion abnormalities on, prediction of, 110-114
in right bundle branch block, 585-587
Tc-99m sestamibi, underestimation of regional myocardial perfusion with, 255-257
Tl-201
attenuation artifacts in, 1019-1023
in hypertrophic cardiomyopathy, 206-207
in right bundle branch block, 585-587
- Myocarditis, Coxsackie B2 virus, detection of, in neonate, 77-78
- Myocardium, perfusion, regional, underestimation of, drug washout and, 255-257
- Myoma, uterine, and bone scintigraphy, 824-825
- Myositis, of trapezius muscle, caused by overload, 296-297
- Myositis ossificans
focal, in Becker muscular dystrophy, 1010-1012
melanotic schwannoma mimicking, 209
- N
- Nail-patella syndrome, bilateral accessory iliac horns in, on bone scan, 476-477
- Nasal pathology, rhinoscintigraphic study of, 127-130
- Nasopharyngeal carcinoma, F-18 FDG PET in, 731-733
- Navicular bone, accessory, painful and quiescent, in same patient, 932-934
- Nephroptosis, on Tc-99m glucoheptonate renal scan, 473
- Nephrotic syndrome, diagnosis of, lung scintigraphy in, 167-172
- Neurilemmoma, mediastinal, positive Tc-99m(V) DMSA SPECT and negative Ga-67 uptake in, 292-294
- Neuro-Behçet's disease, cerebral perfusion impairment in, 156-157
- Neuroendocrine tumors, somatostatin receptor imaging of, 661-664
- Neurofibromatosis, Tc-99m MDP bone imaging in, 812-813
- Neuronal migration disorder, regional cerebral blood flow in, Tc-99m HMPAO SPECT of, 749-750
- Newborn, Coxsackie B2 virus myocarditis in, detection of, 77-78

Non-Hodgkin's lymphoma

- in AIDS patients, F-18 FDG PET versus Ga-67 scans of (ab), 327
- brain metastases of, Ga-67 scintigraphy of, 549–550
- CHOP chemotherapy for, toxic lung effects seen on Ga-67 scan, 734–735
- Ga-67 scintigraphy in, posttreatment residual Ga-67 uptake in, long-term follow-up, 959–962
- intrapertitoneal dissemination of, diffuse abdominal uptake of Ga-67 citrate in, 74–76
- relapsed/refractory, glucose metabolism and antibody targeting in (ab), 325
- Tc-99m MDP bone scan and F-18 FDG coincidence detection PET in, 532–535
- unusual presentation of, 150–151
- Nose, pathology of, rhinoscintigraphic study of, 127–130

O

- Obesity, and SPECT attenuation artifacts on myocardial perfusion imaging, 1019–1023
- Oncology, combined PET-CT in, 905–910
- Ophthalmopathy, Graves'. *See* Graves' disease, ophthalmopathy of
- Organ transplantation, organ procurement for, Tc-99m HMPAO brain scan in brain death determination and, 7–10
- Osteoblastoma, localization of, intraoperative skeletal scintigraphy in, 819–820
- Osteomalacia, hypophosphatemic, on Tc-99m MDP bone scan, 337–340
- Osteomyelitis
 - bacterial, Tc-99m ciprofloxacin imaging of, in veterinary patients (ab), 232
 - chronic, exclusion of, with F-18 FDG PET, 281–284
 - pedal, in diabetic patient, Tc-99m versus In-111-labeled leukocyte imaging of (ab), 328
 - solitary bone metastasis of breast cancer mimicking, 480–481
 - spinal
 - diagnosis of, bone and Ga-67 scintigraphy versus magnetic resonance imaging in, 963–977
 - Ga-67 citrate scan of, 224–226
 - magnetic resonance imaging of, 224–226
 - Tc-99m ciprofloxacin scan of, 224–226
 - Tc-99m MDP scan of, 224–226
 - vertebral, *Eikenella corrodens*, on bone scintigraphy, 1059–1060
- Osteomyelofibrosis, evaluation of hematopoiesis in, Tc-99m-labeled anti-granulocyte antibody scan for, 222–223

- Osteoporosis, and photopenia in spine, 229–230
- Osteosarcoma, postoperative increase in F-18 FDG uptake in leg opposite to, 560–561
- Ovarian cancer, differential diagnosis of, Tc-99m MIBI in, 614–618

P

- Paget-Schroetter syndrome, on Tc-99m MAA pulmonary perfusion scintigraphy, 424–426
- Palladium-103, brachytherapy with, in prostate cancer, and bone imaging, 629–630
- Pancreatic cancer
 - bile duct stenosis caused by, 299–300
 - necrotic liver metastases of, seen on bone scans, 210–212
- Pancreatic islet cell tumors, F-18 FDG PET of, 115–119
- Paraganglioma, metastases of, I-123 MIBG and Tc-99m MDP scintigraphy of, 148–149
- Parathyroidectomy
 - minimally invasive (ab), 81
 - parathyroid imaging and intraoperative PTH assays for, 173–178
- Parathyroid glands
 - adenoma
 - dual-isotope imaging of, artifact detection in, 919–920
 - ectopic, 44–47
 - false-positive, with lymphadenopathy, 216–217
 - intrathymic, 59–60
 - papillary thyroid cancer with pertechnetate-MIBI subtraction scintigraphy of, 898–900
 - scintigraphic findings in, 772–774
 - localization
 - false-positive, with lymphadenopathy, 216–217
 - Tc-99m MIBI imaging in, 348–350
 - multifocal carcinoma in, 917–918
- Parathyroid hormone assays, intraoperative, with parathyroidectomy, 173–178
- Parathyroid imaging
 - of brown tumors
 - in hyperparathyroidism, 44–47
 - simulating bone metastases, 772–774
 - pertechnetate plus perchlorate/MIBI subtraction scintigraphy for, 527–531
 - subtraction method, 527–531
 - brown tumor of sternum and, 44–47
- Tc-99m MIBI
 - of adenoma, 919–920
 - in hyperparathyroidism, 173–178, 919–920
 - papillary thyroid cancer detected by, 898–900
 - with parathyroidectomy, 173–178
 - in recurrent hyperparathyroidism, 348–350
- Tc-99m sestamibi

- nonvisualization of liver on, 921-922
 - in sarcoidosis, 351-353
 - unsuspected lymphoma detected on, 716-718
- Parkinson's disease
 - differential diagnosis of (ab), 326
 - FDG PET in, 1004-1006
- Patella
 - aneurysmal bone cyst of, 1033-1034
- Patient position
 - for diuretic renogram, 471-472
 - and lung scan, 729-730
 - for lymphoscintigraphy in breast cancer (ab), 950
 - for sentinel lymph nodes imaging in breast (ab), 950
- Pediatric patients. *See also* Newborn
 - acute pyelonephritis in, nuclear medicine atlas on, 541-545
 - adrenocortical carcinoma in, Ga-67 scintigraphy of, 394-395
 - Brodie's abscess in, radiographic and scintigraphic findings in, 986-990
 - with cerebral palsy, motor development in, prognostic value of SPECT for, 268-272
 - duodenal perforation in, hepatobiliary imaging of, 41-43
 - eosinophilic granuloma in, radiographic and scintigraphic findings in, 986-990
 - with Ewing's sarcoma, Tc-99m MIBI in, 410-413
 - inflammatory bowel disease in
 - Tc-99m WBC imaging of, 708-715
 - unusual WBC scan in, 801-803
 - lacrimal gland Tl-201 uptake, caused by crying during injection, 56
 - with Sturge-Weber syndrome, cerebral blood flow and glucose metabolism in, 217-218
 - with transplanted liver, unusual biliary scan in, 107-109
- Pelvic imaging, in females, Tc-99m MIBI in, 614-618
- Pelvic inflammatory disease, Tc-99m ciprofloxacin imaging in, 842-844
- Percutaneous transluminal coronary angioplasty (PTCA), myocardial perfusion imaging after, prognostic value of, 775-778
- Perilymph fistula, cerebrospinal fluid rhinorrhea caused by, 634-635
- Peripheral nerve sheath, malignant tumor of, Tl-201 imaging in, 846-848
- Peritoneo-pleural communication, diagnosis of, with Tc-99m MAA scintigraphy, 935-936
- Peritoneoscintigraphy, Tc-99m sulfur colloid, of massive pleural effusion, 62
- Peritonitis
 - leukocyte scintigraphy in, 911-912
 - tuberculous
 - abdominal cerebrospinal fluid pseudocyst with, 1063-1065
 - peritoneal linear uptake of Ga-67 caused by, 214-215
- Peroneal tendonitis, scintigraphic findings in, 17-19
- P-glycoprotein
 - inhibition with cyclosporine A, and Tc-99m sestamibi biodistribution, 20-23
 - and multidrug resistance, 410-413
- Pheochromocytoma
 - clinically silent, I-131 MIBG imaging of, 796-800
 - incidental detection of, on F-18 FDG coincidence imaging, 70-71
 - localization of, fusion images for, 440-442
 - recurrent, I-123 MIBG early SPECT of, 285-287
 - and renal scintigraphy with Tc-99m DTPA, 822-823
- Pigeon breeder's hypersensitivity pneumonitis, diagnosis of, with lung ventilation-perfusion scan, 421-423
- Pituitary adenoma, F-18 FDG myocardial PET findings before and after treatment of, 619-621
- Plasmacytoma, extramedullary, bone marrow involvement in, F-18 FDG PET, 870-873
- Pleural effusions
 - with peritoneo-pleural communication, Tc-99m MAA scintigraphy of, 935-936
 - secondary to continuous ambulatory peritoneal dialysis, 62
 - with thecal-pleural fistula, 1055-1056
- Pneumocystis carinii* pneumonia (PCP), pulmonary uptake of In-111 chloride in, 361-363
- Pneumonia, bacterial
 - F-18 FDG PET in, 490-491
 - Ga-67 citrate scan in, 490-491
- Pneumonitis, hypersensitivity, pigeon breeder's, diagnosis of, with lung ventilation-perfusion scan, 421-423
- Polypharmacy, and Tc-99m pertechnetate binding to erythrocytes, 152-153
- Popliteus bursitis, scintigraphy of, 622-624
- Positron emission tomography (PET)
 - coincidence imaging
 - of adrenal mass, in lung cancer patient, 924-925
 - of radiation pneumonitis, 866-869
 - in colorectal cancer, diagnostic utility of (ab), 324
 - and CT, combined, of cancer, image analysis in, 905-910
- F-18 FDG
 - in acromegalic cardiomyopathy, 619-621
 - after radiation therapy, 279-280
 - after surgical management of osteosarcoma, 560-561
 - in anterior choroidal artery infarction, 187-190
 - of aseptic loosening of knee prosthesis, 923

- in bacterial pneumonia, 490–491
 - benign pulmonary nodule and, 154–155
 - of bone marrow involvement in extramedullary plasmacytoma, 870–873
 - of bone tumor response to chemotherapy, 874–881
 - in breast cancer, and treatment response to laser therapy, 505–507
 - of cerebral glucose metabolism
 - projection planes and, 596–602
 - standardized uptake value in, 11–16
 - in Sturge-Weber syndrome, 217–218
 - of chronic recurrent deep venous thrombosis, 838–839
 - coincidence imaging
 - in epilepsy (ab), 81
 - in Non-Hodgkin's lymphoma, 532–535
 - in stroke recovery (ab), 81
 - of contralateral cortical diaschisis with cerebellar astrocytoma, 431–433
 - in diffuse Lewy body disease, 1004–1006
 - dual-head gamma camera coincidence imaging
 - of adrenal mass, in lung cancer patient, 924–925
 - of lymphoma, 789–795
 - non-homogeneous attenuation correction for (ab), 327
 - of pulmonary nodules (ab), 327
 - of radiation pneumonitis, 866–869
 - of epithelioid sarcoma, 308–309
 - for esophageal cancer staging, versus CT, 882–887
 - esophageal cancer staging by, 219–220
 - exclusion of chronic osteomyelitis with, 281–284
 - in giant cell arteritis, 633–634
 - of hematometocolpos, 486–487
 - in infection (ab), 326
 - in inflammation (ab), 326
 - in kidney disease, standardized uptake value and, 358–360
 - of low-grade supratentorial ganglioglioma, 694–697
 - in lung inflammation and infection, 273–278
 - and management of cutaneous malignant melanoma, 48–51
 - of meningioma, 736
 - of mesothelioma, 636
 - in nasopharyngeal carcinoma, 731–733
 - in non-Hodgkin's lymphoma, 532–535
 - in AIDS patients (ab), 327
 - of pancreatic islet cell tumors, 115–119
 - in sarcoidosis (ab), 327
 - in staging of non-small cell lung cancer (ab), 951
 - in suspected joint prosthesis infection (ab), 328
 - in thyroid cancer, for detection of recurrence (ab), 951
 - F-18 FDG uptake in, elevated, in nonmalignant disease, 939–940
 - pretreatment language mapping with, in patients with cerebral AVMs, 591–595
 - Rb-82, myocardial perfusion imaging, 1019–1023
 - sodium fluoride, of meningioma, 736
 - whole-body scan
 - for esophageal cancer staging, versus CT, 882–887
 - with extramedullary plasmacytoma, 870–873
 - Postpolio wasting, I-123 scintigraphy in, 390–391
 - Potassium perchlorate, and Tc-99m pertechnetate scintigraphy in diagnosis of retrosternal goiter, 467–468
 - Prostate cancer
 - brachytherapy for, and bone imaging, 629–630
 - dual-isotope imaging of, 33–40
 - metastatic
 - to bone, Re-186 HEDP therapy in, mass reduction after, 901–904
 - bone pain in, Sm-153 leixidronam treatment for, 698–700
 - management of, In-111 ProstaScint imaging in (ab), 329
 - Tc-99m sestamibi uptake in, 133–134
 - recurrent, management of, In-111 ProstaScint imaging in (ab), 329
 - staging of, In-111 capromab pendetide (ProstaScint) imaging in, 33–40
 - Protein-losing enteropathy
 - Tc-99m DTPA HSA scintigraphy in, 301–302
 - treatment monitoring in, Tc-99m albumin scintigraphy for, 197–199
 - Pseudospleen appearance, on labeled erythrocyte studies, 740–742
 - Psoas abscess, lymphoma mimicking, on Ga-67 scintigraphy, 567–568
 - Psoriasis, breast imaging in, 374
 - Pulmonary artery perfusion, on quantitative lung scans, 729–730
 - Pulmonary embolism
 - nephrotic syndrome with, diagnosis of, lung scintigraphy in, 167–172
 - ventilation-perfusion–chest radiograph match and, 665–669
 - Pulmonary nodules
 - benign, with elevated F-18 FDG uptake, 154–155
 - F-18 FDG attenuation corrected dual head gamma camera coincidence imaging of (ab), 327
 - Pyelonephritis, acute, in children, nuclear medicine atlas on, 541–545
 - Pyometra, on Ga-67 scan, 485–486
- R**
- Radial artery, injection of bone imaging agent into, 539–540

- Radiation exposure, multifocal parathyroid carcinoma after, 917-918
- Radiation pneumonitis, F-18 FDG Co-PET of, 866-869
- Radiation safety, with I-131 therapy in hyperthyroidism, in peritoneal dialysis patient (ab), 950-951
- Radiation therapy
and bone marrow uptake of F-18 FDG, 279-280
intrathecal, with beta-emitters, whole-body and depth dosimetry for (ab), 233
- Radiogallium. *See* Gallium-67
- Radioimmunotherapy, treatment planning, dosimetric estimates in (ab), 951
- Radioiodine uptake
in differentiated thyroid cancer, prediction of (ab), 951
by metallic sutures in skull, 1053-1054
- Radionuclide angiography, database, and prediction of myocardial perfusion abnormality by quantitative regional function, 110-114
- Radionuclide cisternography
of abdominal cerebrospinal fluid pseudocyst, 1063-1065
with cerebrospinal fluid rhinorrhea, 634-635
of thecal-pleural fistula, 1055-1056
- Red blood cells, Tc-99m pertechnetate binding to, polypharmacy and, 152-153
- Reflex sympathetic dystrophy
after arthroscopy, 1028-1029
cocaine-induced, 863-865
- Renal imaging. *See also* Diuretic renogram
in acute pyelonephritis, in children, 541-545
fecal impaction causing urinary tract obstruction and, 306-307
F-18 FDG PET, in kidney disease, standardized uptake value and, 358-360
horseshoe kidney on, 626-627
planar, in acute pyelonephritis, in children, 541-545
Tc-99m diethylenetriaminepentaacetic acid (DTPA)
with coexisting renal vein thrombosis and bilateral adrenal hemorrhage, 263-267
in measurement of glomerular filtration rate, 258-262
with pheochromocytoma, 822-823
of renal cortical necrosis, 184-186
Tc-99m dimercaptosuccinic acid (DMSA)
in acute pyelonephritis, in children, 541-545
in acute tubular necrosis, 387-388
with coexisting renal vein thrombosis and bilateral adrenal hemorrhage, 263-267
cystic dysplastic kidney on, 624-625
of renal cortical necrosis, 184-186
Tc-99m DTPA aspirin renography, in detection of renovascular hypertension, 682-690
Tc-99m glucoheptonate, in nephroptosis, 473
Tc-99m MAG3
of cadaveric renal grafts, 579-584
of dilated bilateral extrarenal pelvis, 471-472
of duplex kidney, 628-629
Tc-99m mercaptoacetyltriglycine (MAG3), of renal cortical necrosis, 184-186
Tc-99m pertechnetate, false-positive for hydronephrosis on, 940-942
vesicocecal fistula detected on, 631-632
Renal vein thrombosis, coexisting with bilateral adrenal hemorrhage, imaging of, 263-267
Renovascular hypertension
non-Hodgkin's lymphoma presenting with, 150-151
Tc-99m DTPA aspirin renography in, 682-690
Rhabdomyolysis
extraosseous uptake of Tc-99m MDP in, 135-136
Tc-99m three-phase bone scintigraphy in, 558-559
Rhenium-186 hydroxyethylidenediphosphonate (HEDP) therapy, for bone metastases, in prostate cancer, efficacy of, 901-904
Rhinoscintigraphy, technique for, 127-130
Right atrial appendage, visualized on Tc-99m sestamibi imaging, 848-849
Right bundle branch block, false-positive stress myocardial SPECT in, 585-587
Right-to-left shunt, in congenital cardiomyopathy, imaging of, 827-828
- S
- Safety, reusable shielded marker and, 354-357
Salivary gland, parotid, I-131 uptake, on whole-body scan, 895-897
Salivary scan
dynamic, in Sicca syndrome, 888-894
Tc-99m pertechnetate, in Sicca syndrome, 888-894
Samarium-153 lexidronam therapy, for metastatic bone pain, 698-700
Sarcoidosis
F-18 FDG imaging in (ab), 327
F-18 FDG uptake in, 939-940
gallium-67 citrate imaging in (ab), 327
and persistent hyperparathyroidism, Tc-99m sestamibi imaging pre- and post-treatment in, 351-353
Sarcoma
epithelioid, F-18 FDG PET of, 308-309
osteogenic, soft-tissue extraskelatal metastases, Tc-99m MDP uptake in, 333-334

- Schwannoma
 melanotic, mimicking myositis ossificans, 209
 multifocal malignant, recanalized umbilical vein with, 747-748
- Scintimammography
 of chest wall recurrence of breast cancer, 104-106
 Tc-99m MDP, benign phyllodes tumor on, 551-552
 Tc-99m MIBI
 evolution of breast cancer with, 701-703
 of in situ ductal breast cancer, 434-439
 Tc-99m(V) DMSA, of in situ ductal breast cancer, 434-439
- Scleroderma, achalasia in, 931
- Scrotal disease, on bone scintigraphy, 1017-1018
- Seat belt syndrome, bone scans in, 140-141
- Seizure, early, after acute subcortical hemorrhage, circuit focus in, 852-853
- Serotonin transporters, SPECT imaging of radioligands for (ab), 326
 simultaneously with imaging of dopamine transporters (ab), 326
- Sialadenitis, radiation-related, I-131 uptake in, 895-897
- Sicca syndrome
 dynamic scintigraphic indices in, 888-894
 salivary pertechnetate clearance in, 888-894
- Single-photon emission computed tomography (SPECT)
 after previous acute infective spondylitis, 779-784
 attenuation artifacts
 in normal-weight persons, 1019-1023
 obesity and, 1019-1023
 of bone, with vertebral metastases of lung cancer, 647-649
 brain perfusion imaging, in prognostication of motor development in cerebral palsy, 268-272
 coincidence detection in, repeaking after (ab), 328
 in differential diagnosis of extrahepatic metastases of hepatocellular carcinoma, 991-995
 dual isotope, in prediction of chemotherapeutic response in lung cancer, 364-369
 exposure effects of 511 photons on NaI(Tl) crystal/photomultiplier components in (ab), 328
- Ga-67
 in diagnosis of spinal osteomyelitis, versus magnetic resonance imaging, 963-977
 of mediastinal-hilar lymphoma, posttreatment residual Ga-67 uptake in, long-term follow-up, 959-962
 gated blood-pool
 of coronary arteriovenous fistula, 913-916
 LVEF, using NuSMUGA, reproducibility of (ab), 950
 iodine-123 MIBG, of recurrent pheochromocytoma, 285-287
 maximum intensity projection
 in masticator muscle infection, 383-384
 with recurrent pheochromocytoma, 285-287
 myocardial imaging
 after PTCA, prognostic value of, 775-778
 in coronary artery disease (ab), 950
 Tc-99m ECD, in prognostication of motor development in cerebral palsy, 268-272
 Tc-99m HMPAO, of bone infection, 519-526
 Tc-99m MIBI, in prediction of chemotherapeutic response in non-small cell lung cancer, 364-369
 Tc-99m tetrofosmin, of thymoma with pure red cell aplasia, 384-385
- Tl-201
 myocardial perfusion imaging, 1019-1023
 in prediction of chemotherapeutic response in non-small cell lung cancer, 364-369
- Skin
 in blue rubber bleb nevus syndrome, Tc-99m RBC imaging of, 835-837
 Ga-67 uptake in, in graft-versus-host disease, 676-678
- Smokers, lung FDG uptake in (ab), 325
- Soft tissue
 lesions of, Tc-99m(V) DMSA scintigraphy of, 637-640
 metastases to, Tc-99m(V) DMSA scintigraphy of, 637-640
 Tc-99m HDP uptake in, in adenocarcinoma of unknown origin, 751-752
 Tc-99m MDP uptake in, in von Recklinghausen's disease, 812-813
 tumors, Tl-201 and three-phase bone scintigraphy of, 200-205
- Somatostatin analog scintigraphy, In-111 pentetreotide (SMS). *See* Indium-111 pentetreotide (Octreoscan) imaging
- Somatostatin receptor imaging. *See also* Indium-111 pentetreotide (Octreoscan) imaging
 of VIPomas, 661-664
- Somatother. *See* Indium-111 pentetreotide (Octreoscan) imaging
- Sphenoid sinus, monostotic fibrous dysplasia of, 477-479
- Spherical 3-D blob analysis program, for determination of standard uptake value in tumor response to chemotherapy (ab), 232
- Sphincter of Oddi, dysfunction, scintigraphic findings in, 670-675
- Spine
 cervical, fracture of C7 spinous process, on bone scintigraphy, 627-628
 lumbar, photopenia in, in thoracic kyphosis, 229-230

- osteomyelitis of, diagnosis of, bone and Ga-67 scintigraphy versus magnetic resonance imaging in, 963-977
- photopenia in, in thoracic kyphosis, 229-230
- upper thoracic, photopenia in, in thoracic kyphosis, 229-230
- Spleen**
- accessory, differentiated from hepatic lesion, on heat-damaged RBC scan, 516-518
 - in giant cell arteritis, F-18 FDG PET of, 633-634
 - infantile hemangioendothelioma of, 938
 - inferior to liver, 944-945
 - traumatic rupture of, 1045-1046
 - wandering, in patient with Ehlers-Danlos syndrome and diaphragmatic hernia, 738-739
- Splenosis**
- imaging, after MVA, 1045-1046
 - intrathoracic, after MVA, 1045-1046
- Spondylitis**, previous acute infective, late correlative imaging findings in, 779-784
- Spondylolysis**, management of, SPECT in, 93-96
- Squamous cell carcinoma**, basaloid, esophageal, digital metastasis of, 557-558
- Sternum**, fractures of, in MVA victims, 140-141
- Stomach**
- cancer, intraperitoneal dissemination of, diffuse abdominal uptake of Ga-67 citrate in, 74-76
 - fundus, Tc-99m pertechnetate uptake in, 940-942
 - herniated tissue of, Tc-99m MDP uptake in, 386-387
 - volvulus, detected by I-131 whole-body imaging, 303-305
- Stroke**
- anterior choroidal artery, 187-190
 - recovery from, rCBF SPECT and F-18 FDG coincidence imaging in (ab), 81
- Struma ovarii**
- with hyperthyroidism, 763-765
 - malignant, liver metastases, on I-131 whole-body scan, 465-466
- Sturge-Weber syndrome**, cerebral blood flow and glucose metabolism in infant with, 217-218
- Subarachnoid-pleural fistula**
- complicating thoracotomy (*erratum*), 311
 - In-111 DTPA myeloscintigraphy of (*erratum*), 311
- Sulfonyleureas**, prevention of ischemic preconditioning in diabetic patients with CAD (ab), 232
- Superficial circumflex iliac artery**, Tc-99m RBC scan of, 424-426
- Superior vena cava obstruction**, Tc-99m RBC scan with, 679-681
- Systemic lupus erythematosus**, cystitis in, on Ga-67 scans, 737
- T**
- Takayasu's arteritis**, Ga-67 scintigraphy in, 67-69
- Tech-Mark**, and safety, accuracy, and efficacy of nuclear medicine, 354-357
- Technegas**, in detection of bronchopleural fistula, 548-549
- Technetium-99m albumin scintigraphy**, for treatment monitoring in protein-losing enteropathy, 197-199
- Technetium-99m Arcitumomab (CEA scan) scintigraphy**
- in colon cancer with bone metastases, 817-818
 - in colorectal cancer (ab), 329
 - of distant metastases in medullary thyroid cancer, 145-146
- Technetium-99m biotin liposomes**
- and avidin, for targeting mediastinal lymph nodes (ab), 232
 - and avidin-mediated background reduction, in gastrointestinal bleeding detection (ab), 232
- Technetium-99m ciprofloxacin imaging**
- of bacterial osteomyelitis, in veterinary patients (ab), 232
 - in pelvic inflammatory disease, 842-844
 - in spinal osteomyelitis, 224-226
- Technetium-99m dextran**, for lymphoscintigraphy, clinical production of, 179-181
- Technetium-99m dicarboxypropane diphosphonate**, uptake of, in ovarian fibrothecoma, 488-489
- Technetium-99m diethylenetriaminepentaacetic acid (DTPA)**
- aerosol ventilation lung scan, diagnosis of pigeon breeder's hypersensitivity pneumonitis on, 421-423
 - aspirin renography, in detection of renovascular hypertension, 682-690
 - brain imaging, lumbopleural shunt patency demonstrated on, 305-306
 - cisternography
 - with cerebrospinal fluid rhinorrhea, 634-635
 - thecal-pleural fistula on, 1055-1056 - human serum albumin scintigraphy, uterine visualization on, 301-302
 - renal imaging
 - of coexisting renal vein thrombosis and adrenal hemorrhage, 263-267
 - in measurement of glomerular filtration rate, 258-262
 - with pheochromocytoma, 822-823
 - of renal cortical necrosis, 184-186

- Technetium-99m diisopropyl iminodiacetic acid (DISIDA), cholescintigraphy, incidental visualization of esophageal prosthesis on, 220-221
- Technetium-99m dimercaptosuccinic acid (DMSA) pentavalent
- in bone superscan, 193-196
 - in breast cancer, 434-439
 - in imaging of bone and soft tissue lesions, 637-640
 - uptake of, in mediastinal neurilemmoma, 292-294
- renal imaging
- in acute pyelonephritis, in children, 541-545
 - in acute tubular necrosis, 387-388
 - of coexisting renal vein thrombosis and adrenal hemorrhage, 263-267
 - of cystic dysplastic kidney, 624-625
 - of renal cortical necrosis, 184-186
- Technetium-99m ethyl cysteinate dimer (ECD), SPECT, in prognostication of motor development in cerebral palsy, 268-272
- Technetium-99m glucoheptonate scan, nephroptosis on, 473
- Technetium-99m hydroxymethylene diphosphonate, bone scan
- extraosseous uptake in, 844-846
 - malignant supraclavicular lymph node visualized on, 376-377
- Technetium-99m hexamethylpropylene amineoxime (HMPAO)
- brain imaging
- with acetazolamide challenge, in neuronal migration disorder, 749-750
 - after acute subcortical hemorrhage, 852-853
 - in anterior choroidal artery infarction, 187-190
 - in brain death determination, and organ transplantation, 7-10
 - in brain death determination (ab), 325
 - of cerebellar infarction secondary to atlanto-occipital dislocation, 1031-1032
 - in epilepsy (ab), 81
 - in multiple myeloma, 495-496
 - in neuro-Behçet's disease, 156-157
 - standardization and quantification of (ab), 82
- brain perfusion imaging
- with acetazolamide challenge, in neuronal migration disorder, 749-750
 - in differential diagnosis of Alzheimer's disease and microangiopathy (ab), 81
 - in stroke recovery (ab), 81
- leukocyte imaging, of bone infection, 519-526
- SPECT, of bone infection, 519-526
- Technetium-99m hydroxymethylene diphosphate (HMDP), bone imaging
- blood-pool image, varicocele detected by, 947-948
 - glove phenomenon in, 539-540
 - in megaloblastic anemia, transient splenic accumulation of Tc-99m HMDP in, 1024-1027
 - in pediatric bone disease, 986-990
- Technetium-99m human immunoglobulin (HIG) imaging
- in Graves' ophthalmopathy, 704-707
 - in patients with lower leg amputations, 804-811
 - uptake of, by abdominal lymphoma, 227-228
- Technetium-99m human serum albumin (HSA) imaging, of hepatic focal nodular hyperplasia, 831-832
- Technetium-99m iminodiacetic acid (IDA), hepatobiliary imaging, sphincter of Oddi dysfunction on, 670-675
- Technetium-99m-labeled anti-granulocyte antibody, bone marrow scan, for evaluation of hematopoiesis in osteomyelofibrosis, 222-223
- Technetium-99m labeled leukocyte imaging versus In-111-labeled leukocyte scan, in detection of pedal osteomyelitis in diabetes (ab), 328
- intrathoracic splenosis on, 1045-1046
- in pediatric inflammatory bowel disease, 708-715
- Technetium-99m liposomes
- for lymphoscintigraphy, in identification of sentinel node (ab), 231
 - uptake, in inflamed lung of neutropenic rats (ab), 232
- Technetium-99m macroaggregated albumin (MAA) diagnosis of peritoneo-pleural communication using, 935-936
- lung perfusion imaging
- acute axillosubclavian vein thrombosis on, 424-426
 - lung herniation on, 1061
 - Paget-Schroetter syndrome on, 424-426
- Technetium-99m mebrofenin, hepatobiliary imaging, in afferent loop syndrome, 492-494
- Technetium-99m mercaptoacetyltriglycine (MAG3) imaging
- of cadaveric renal grafts, 579-584
 - of dilated bilateral extrarenal pelvis, 471-472
 - of duplex kidney, 628-629
 - of ectopic kidney, 289-290
 - mannitol versus furosemide for, 554-556
 - of renal cortical necrosis, 184-186
 - of renal graft, intestinal activity and, 643-644
- Technetium-99m methoxyisobutylisonitrile (MIBI) imaging. *See also* Technetium-99m sestamibi
- in breast
 - in psoriasis, 374
 - with in situ ductal breast cancer, 434-439
- in Ewing's sarcoma, 410-413
 - of mediastinal lymph node metastases of non-small cell lung cancer, 29-32
- parathyroid

- of adenoma, 919-920
- in hyperparathyroidism, 173-178, 919-920
- papillary thyroid cancer detected by, 898-900
- in recurrent hyperparathyroidism, 348-350
- pelvic-abdominal, in females, 614-618
- scintimammography, evolution of breast cancer on, 701-703
- SPECT, in prediction of chemotherapeutic response in non-small cell lung cancer, 364-369
- thyroid, with thyroid hemiagenesis, 766-768
- Technetium-99m methylenediphosphonate (MDP) bone imaging
 - ascending colon demonstrated on, 1040-1042
 - bladder displacement seen on, 824-825
 - calcified substernal goiter on, 725-726
 - colon cancer seen on, in juvenile patient, 295-296
 - diffuse intense lung uptake on, 608-610
 - in hemodialysis patients, heart and lung calcifications seen on, 377-378
 - herniated stomach tissue on, 386-387
 - hypophosphatemic osteomalacia seen on, 337-340
 - metastatic calcifications seen on
 - in hemodialysis patients, 377-378
 - pulmonary, 608-610
 - monostotic fibrous dysplasia of sphenoid sinus on, 477-479
 - myocardial uptake on, in senile systemic amyloidosis with cardiac involvement, 826-827
 - in non-Hodgkin's lymphoma, 532-535
 - with osteogenic sarcoma, 333-334
 - of paraganglioma metastases, 148-149
 - renal lithiasis on, 380-382
 - of rhabdomyolysis, 558-559
 - in spinal osteomyelitis, 224-226
 - in spondylolysis, 93-96
 - Tc-99m (V) DMSA scintigraphy and, 193-196
 - of tibial adamantinoma, 1057-1058
 - uterine leiomyoma on, 484
- extraosseous uptake of
 - in faith cure of drinking urine, 1040-1042
 - in herniated stomach tissue, 386-387
 - with metastases from osteogenic sarcoma, 333-334
 - in muscular dystrophy, 135-136
 - in pectoralis muscles, 8 days after exercise, 65-66
 - in uterine leiomyoma, 484
- imaging, of calcinosis in juvenile dermatomyositis, 1013-1016
- scintimammography, benign phyllodes tumor on, 551-552
- thyroid uptake, with nontoxic goiter, 929-930
- Technetium-99m monoclonal antibodies, to CEA.
 - See Technetium-99m Arcitumomab (CEA scan) scintigraphy
- Technetium-99m nofetumomab merpentan imaging, of lung cancer metastases, 54-55
- Technetium-99m pertechnetate
 - activity in gastric fundus and kidney simulating hydronephrosis, 940-942
 - binding to erythrocytes, polypharmacy and, 152-153
 - Meckel's scintigraphy, false-positive, 832-833
 - salivary clearance, in Sicca syndrome, 888-894
 - thyroid imaging
 - in acute thyroiditis, 249-252
 - in diagnosis of retrosternal goiter, 467-468
 - of dual thyroid ectopy, 253-254
 - with thyroid hemiagenesis, 766-768
- Technetium-99m pyridoxyl-5-methyltryptophan (PMT)
 - in differential diagnosis of extrahepatic metastases of hepatocellular carcinoma, 991-995
 - whole-body scintigraphy, of bone metastases in hepatocellular carcinoma, 1000-1003
- Technetium-99m RBC scan
 - abdominal, colonic lymphoma detected on, 1052-1053
 - blood pool imaging
 - breast cancer detected on, 641-642
 - of infantile hemangioendothelioma, 938
 - of blue rubber bleb nevus syndrome, 835-837
 - gastrointestinal bleeding studies
 - early appearance of IVC on, 679-681
 - false-positive, with ectopic kidney, 645-646
 - of gastrointestinal lipoma, 946
 - heat-denatured
 - in differentiation of accessory spleen and hepatic lesion, 516-518
 - "liver tail" pseudospleen appearance in, 740-742
 - hepatic artery aneurysm on, 1039-1040
 - of hepatic hemangioma, 511-513
 - of intramuscular hemangioma of arm, 514-515
 - recanalized umbilical vein seen on, 747-748
 - of superficial circumflex iliac artery, 427-430
- Technetium-99m sestamibi
 - biodistribution of, cyclosporine A and, 20-23
 - retention of, in lymphadenopathy, 216-217
 - uptake
 - in breast cancer with neuroendocrine differentiation, 482-483
 - in metastatic prostate cancer, 133-134
- Technetium-99m sestamibi imaging
 - abbreviated preoperative protocol, for parathyroidectomy (ab), 81
 - cardiac

- incidental detection of Hürthle cell carcinoma on, 469–470
- single-day protocol for, and underestimation of regional myocardial perfusion, 255–257
- skeletal uptake on, in multiple myeloma, 213–214
- hiatal hernia seen on, 142–144
- myocardial
 - esophageal and tracheal activity on, 728–729
 - hiatal hernia seen on, 142–144
 - single-day protocol for, and underestimation of regional myocardial perfusion, 255–257
- parathyroid
 - nonvisualization of liver on, 921–922
 - in sarcoidosis, 351–353
 - unsuspected lymphoma detected on, 716–718
- right atrial appendage visualized on, 848–849
- SPECT
 - of bilateral pulmonary carcinoid, 546–547
 - of intrathyroid parathyroid adenoma, 59–60
 - single-day protocol for, and underestimation of regional myocardial perfusion, 255–257
- of thymoma, response to radiotherapy seen on, 727–728
- whole-body, in follow-up of differentiated thyroid cancer, 443–446
- Technetium-99m stannous colloid imaging
 - hepatic, in liver failure, 743–746
 - leukocyte, in liver failure, 743–746
- Technetium-99m sulfur colloid imaging
 - lymphoscintigraphy, pre- and postoperative, in repair of traumatic chylothorax, 840–841
 - peritoneoscintigraphy, of massive pleural effusion, 62
 - of spleen inferior to liver, 944–945
 - of wandering spleen, in Ehlers-Danlos syndrome, 738–739
- Technetium-99m tetrofosmin
 - biodistribution of, in monoclonal gammopathy of uncertain significance, 536–538
 - imaging, in chondrosarcoma, 64–65
 - SPECT, of thymoma with pure red cell aplasia, 384–385
- Technetium-99m trimethyl-Br-IDA, hepatobiliary imaging, biliary flow alterations on, 312–314
- Technetium-99m whole-body scans, scatter correction for (ab), 325
- Tetralogy of Fallot, In-111 oxine-labeled platelet scintigraphy in, incidental detection of systemic thromboembolism on, 1062–1063
- Thallium-201 chloride scintigraphy
 - in malignant peripheral nerve sheath tumor, 846–847
- SPECT
 - in diagnosis of solitary bone metastasis, 1042–1044
 - of mediastinal lymph node metastases of non-small cell lung cancer, 29–32
 - in prediction of chemotherapeutic response in non-small cell lung cancer, 364–369
- Thallium-201 scintigraphy
 - of bone and soft-tissue tumors, 200–205
 - myocardial imaging
 - ectopic kidney and, 289–290
 - in hypertrophic cardiomyopathy, 206–207
 - in neonatal Coxsackie B2 virus myocarditis, 77–78
 - in pediatric bone disease, 986–990
- SPECT
 - in diagnosis of solitary bone metastasis, 1042–1044
 - in right bundle branch block, 585–587
 - of thyroid cancer, 926–929
- Thallium-201–Tc-99m subtraction imaging, brown tumor of sternum and, 44–47
- Thallium-201 uptake
 - in chronic lymphadenitis, 943
 - lacrimal gland, caused by crying during injection, 56
 - by leg vein, in venous thrombosis of lower extremity, 208
- Thecal-pleural fistula, after thoracoscopic dissection, imaging of, 1055–1056
- Thoracic duct injury, in hypoplastic left heart syndrome, lymphoscintigraphy of, 335–336
- Thoracoscopic dissection, thecal-pleural fistula after, imaging of, 1055–1056
- Thoracotomy, subarachnoid-pleural fistula complicating (*erratum*), 311
- Thromboembolism, systemic, incidental detection on In-111 oxine-labeled platelet scintigraphy, 1062–1063
- Thrombophlebitis, F-18 FDG PET of, 838–839
- Thrombosis
 - deep venous, chronic recurrent, F-18 FDG PET of, 838–839
 - of renal graft, Tc-99m MAG3 scintigraphy of, 579–584
 - venous
 - acute axillosubclavian, 424–426
 - of lower extremity
 - Tl-201 uptake by leg vein in, 208
 - venous bypass after, seen on bone scan, 291–292
- Thymoma
 - with pure red cell aplasia, Tc-99m tetrofosmin SPECT of, 384–385
 - response to radiotherapy, Tc-99m sestamibi scintigraphy of, 727–728
- Thymus
 - hyperplasia of, I-131 uptake in, 375
 - parathyroid adenoma in, 59–60
- Thyroid
 - dual ectopic, 253–254
 - ectopic, false-positive, in scleroderma, 931

- hemigenesis, 766-768
nodule, reverse discordant Tc-99m and I-131 imaging of, 52-53
toxic adenoma, reverse discordant Tc-99m and I-131 imaging of, 52-53
Thyroid antibody studies, in subclinical thyrotoxicosis, 341-347
Thyroid cancer
differentiated
follow-up of, whole-body Tc-99m sestamibi scintigraphy in, 443-446
radioactive iodine uptake in, prediction of (ab), 951
follicular, false-positive I-131 whole-body scan in, 137-138
Hürthle cell, incidental detection of, on Tc-99m sestamibi cardiac imaging, 469-470
I-131 uptake in
abnormal, mimicking salivary gland uptake, in diffuse dental disease, 314-315
in metallic sutures in skull, 1053-1054
medullary, distant metastases, Tc-99m arcitumomab scintigraphy of, 145-146
metastases, vertebral hemangioma mimicking, 611-613
papillary
metastases of, 375
hepatic, on bone densitometry, 379
with parathyroid adenoma
pertechnetate-MIBI subtraction scintigraphy of, 898-900
scintigraphic findings in, 772-774
recurrent, FDG PET in (ab), 951
squamous cell, Ga-67 and Tl-201 accumulation in, 926-929
Thyroidectomy, subtotal, multifocal parathyroid carcinoma in, 917-918
Thyroid imaging
for ectopic gland, false-positive, in scleroderma, 931
Ga-67, in squamous cell carcinoma, 926-929
Tc-99m RBC, with thyroid hemangioma, 769-771
Tl-201, in squamous cell carcinoma, 926-929
Thyroiditis, acute suppurative, thyrotoxicosis caused by, 249-252
Thyrotoxicosis
caused by acute suppurative thyroiditis, 249-252
subclinical, thyroid nuclear imaging in, 341-347
Tolbutamide, F-18-labeled, as beta-cell imaging agent (ab), 329
Trapezius muscles, myositis of, caused by overload, 296-297
Trauma, C7 spinous process fracture caused by, on bone scintigraphy, 627-628
Tuberculosis
peritonitis in
abdominal cerebrospinal fluid pseudocyst with, 1063-1065
peritoneal linear uptake of Ga-67 caused by, 214-215
treatment of, effects on Ga-67 citrate scan, 490-491
- U**
- Ultrasound
gallbladder ejection fraction calculated using, 1-6 renal, 626-627
Umbilical vein, recanalized, on Tc-99m tagged RBC scintigraphy, 747-748
Ureter, obstruction of, in renal transplant recipient, Tc-99m MAG3 scintigraphy of, 579-584
Urinary tract obstruction, fecal impaction causing, 306-307
Urine, extravasation of, diagnosed on bone scan, 821-822
Urine leak, after renal transplantation, diagnosis of, 643-644
Urinoma, on bone scan, 821-822
Uterus
leiomyoma of, Tc-99m MDP uptake in, 484
visualization of, on Tc-99m DTPA HSA scintigraphy, 301-302
- V**
- Varicocele, incidental finding of, on blood-pool image, 947-948
Vasculitis, F-18 FDG PET in, 633-634
Vasoactive intestinal peptide-secreting tumors (VIPomas), somatostatin receptor scintigraphy of, 661-664
Vesicocecal fistula, detected on renal imaging, 631-632
Vesicoureteral reflux, detection on Tc-99m MAG3 imaging, 628-629
Vocal cord paralysis, iatrogenic, after I-131 therapy, 508-510
Volvulus, gastric, detected by I-131 whole-body imaging, 303-305
- W**
- Wrist, long-term force transmission patterns in, dual-energy x-ray absorptiometry of, 97-99
- X**
- Xanthogranulomatous inflammation of lung, hypertrophic pulmonary osteoarthropathy caused by, 1029-1030
- Z**
- Zollinger-Ellison syndrome, somatostatin receptor imaging in, 661-664